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SF 45

VAUGHAN'S SEED STORE

47-49 Barclay Street, NEW YORK **601 West Jackson Blvd., CHICAGO**

NAME..... Date.....19____
Write very plainly

Post Office..... State.....

Street, P. O. Box
or Rural Delivery.....

Express or Freight Office {If different from P. O.} ..... Forward Goods by.....
(Parcel Post, Express, Freight or Boat)

(SEND NO CASH OR CURRENCY UNLESS REGISTERED)

Make Money Orders or Checks Payable to Vaughan's Seed Store

AMOUNT ENCLOSED

Money Order $.....

Draft or Check $.....

Postage Stamps$.....

Cash - - - $.....

Table of PARCEL POST RATES to different zones, on other side.

Your local postmaster will tell you in which zone you reside as regards NEW YORK or CHICAGO.

More order blanks will be sent upon request. Always write letters on a separate sheet from your order.

VAUGHAN'S SEED STORE gives no warranty, express or implied, as to the productiveness of any seeds, bulbs or plants it sells; nor does it warrant fertilizers other than in respect to data required of the seller by statutes. It is expressly agreed that the limit of liability for all claims for loss or damages due to any cause shall be in a sum no greater than the invoice price of the goods and in no case shall it be responsible for loss or damage of the crop.

N. B. Examine seeds closely, test if desired, write us if anything is wrong and we will adjust.

QUANTITY Do not Abbreviate	NAME OF ARTICLE	SIZE	PRICE Dols.	PRICE Cts.
	CASH DISCOUNTS ON ORDERS FROM THIS CATALOGUE Special Cash Discount is allowed on FLOWER SEEDS as follows: On all orders for flower seeds totaling less than $25.00, 5%, and over 25,00, 8%. On all other items a cash discount of 2% is allowed, except on grass seed and net cash supplies. Discounts as herein specified may be deducted from remittance if cash is inclosed with order			
	☞ In making your order, please give the sizes and prices to avoid delay and errors.			
	Carried Forward,	lbs.	$	

(OVER)

QUANTITY	NAME OR CATALOG NUMBER OF ARTICLE Where Catalog gives a Number, please order by it.	WEIGHT For Parcel Post Only	PRICE Dols.	Cts.
	Brought Forward			

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DOMESTIC PARCEL POST RATES On Seeds, Plants, Bulbs, Roots, Books, Tools, etc. within the U. S. and Possessions. Effective Oct. 1, 1932.	First pound or fraction	Each additional pound or fraction
Local—Chicago or New York City	8c.	1c. (2 lbs)
First and Second Zone within 150 miles of either	9c.	1.1c.
Third Zone within 150 to 300 miles	10c.	2c.
Fourth Zone within 300 to 600 miles	11c.	3.5c.
Fifth Zone within 600 to 1000 miles	12c.	5.3c.
Sixth Zone within 1000 to 1400 miles	13c.	7c.
Seventh Zone within 1400 to 1800 miles	15c.	9c.
Eighth Zone all over 1800 miles	16c.	11c.

This includes tax on first 33c. For larger amounts add 3% which is the equivalent of 1c for each 33c of postage.

A fraction of a cent in the total amount of postage on any parcel shall be counted as a full cent.

Total Weight,

Amount for Postage

Grand Total, $

Filled by_____ Checked by_____ Packed by_____

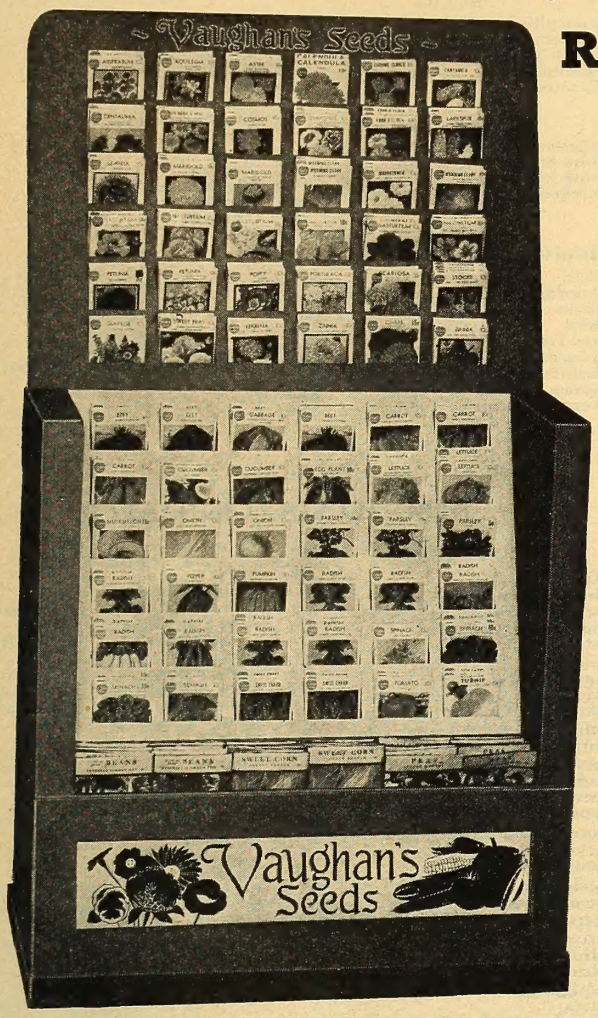
Shipped by_____ Style of Package_____

Date_____ Book_____ Weight_____

Flowers to Hail Victory in 1945 Garden

While vegetable seeds maintained their high level of sales in 1944, flower seeds showed a sensational gain, and this trend is expected to continue in 1945. In spite of the scarcity of flower seeds, our packet seed assortments will contain more flower seed packets, in greater variety, to meet the increased demand.

Government pressure on everyone who can to grow vegetables will increase, as long as the war lasts, and continue for some time after peace. The customers who buy seeds from you now will continue for years to do so. Selling Vaughan's Victory Garden seeds gives your business an essential character. Plan for better display, and an increased sale next spring.



OUR RED, WHITE AND BLUE RACK

Red, White and Blue Display

We shall continue to use for 1945 the strikingly beautiful Victory Garden Display Rack designed in our national colors. The top panel will be red, the lower one white, and the sides and bottom will be blue. It makes a brilliant eye-catching combination and will give your store a patriotic atmosphere.

Design and construction of the rack will follow the model which has proved so satisfactory last year.

The illustration shows how it holds each variety where the customer can see it.

The dimensions of this rack are: 30 inches wide, 15 inches deep, on the floor. The height is 55 inches, nicely calculated to combine maximum visibility of packets, and convenient self-service, while at the same time it does not obstruct a clear view of the store, which many feel is important.

Your new rack will be light, yet strong, easily moved about. It is made in the modern manner, of heavy matboard, and comes to you brand new. One rack will hold $100 worth of packets.

Our New Packets. All flower seed packets of 1945 will be 3¼ by 4½ inches, same size as vegetable packets, and all racks will be interchangeable, serving for either flower or vegetable seed.

Brilliantly Colored Posters and Streamers. Color sells everything now-a-days and nowhere is it more necessary than in selling the garden. Vaughan's posters are modern, artistic, brilliant. They will dress up your store and give it the atmosphere of spring, helping business in every line.

_____ 19____

VAUGHAN'S SEED STORE, 601 W. Jackson Blvd., Chicago, Ill.

Please forward in due season an assortment of Vaughan's seeds for 1945.

The undersigned will pay upon request for all seeds at retail prices less 40%. He agrees to sell at such time, and Vaughan's Seed Store agrees to purchase all seeds then in good condition at retail prices less 40%. This purchase will be credited against the amount due from the undersigned.

The undersigned further agrees, when the season is ended, to destroy the display rack furnished by Vaughan's Seed Store.

Your Firm Name_____

Your Address_____

Sign here_____

BUYERS: Give this Check List the "Once Over" When Ordering

ITEMS TO START IN JANUARY

FLOWER SEEDS

Agathea (for cutting)
Ageratum (Spring plants)
Antirrhinum (for cutting)
Asparagus Sprengeri Plumosus Nanus
Begonias (Spring plants)
Calendulas (for cutting)
Candytuft (for cutting)
Campanula (Annual, for pot culture)
Carnation (Annual, for plants)
Centaurea Candidissima (Dusty Miller)
Gymnocarpa (Dusty Miller)
Cyanus Cornflower (for cutting)
Chrysanthemum (Annual cutflower)
Cineraria Maritima (Dusty Miller)
Clarkia (for cutting)
Cobaea Scandens (Spring plants)
Coleus
Cuphea (for plants)
Cynoglossum (for cutting)
Dahlias Unwin (fine pot plants) (plant tubers for Mother's Day)
Daisy Bellis (B)
Dracaena Indivisa (for pot plants)
Gloxinia (for pot culture)
Gypsophila (Annual)
Kalanchoe (for pot plants)
Larkspur (Annual, for cutting)
Leptosyne (for cutting)
Lilium Praecox White Queen (for spring 1946)
Lilium Creole X White Queen Hybrid
Linaria (for combination)
Lobelias (Spring plants)
Lupins (Annual, for cutting)
Marigolds Dwarf (for combination)
Matricaria Golden Ball Pots and bedding
Mimulus (for pot culture)
Nemesia (for combination)
Nierembergia Hippomanica (for pot culture)
Pansies Super Maple Leaf Giants Mixed Largest Super Swiss Giants (color range, size, earliness)
Petunias All Double and Dwarf Giants
Salpiglossis (for cutting)
Salvia (for plants)
Schizanthus (Vaughan's Masterpiece)
Smilax

FLOWER SEEDS—Continued

Solanum (Xmas Cherry or Pepper)
Stocks Column and Branching
Strawberries (Baron Solemacher)
Sweet Peas (Early Spencer and Intermediate)
Torenia Fournieri (for pot culture)
Verbena Dwarf (for combinations)
Vinca Rosea (plants)

GREENHOUSE

Azaleas
Ageratum R.C.
Carnation R.C.
Geraniums 2¼" or R. C.
Hydrangea R.C.
Cyclamen Seedlings
Fancy Leaved Caladiums
Lantana 2¼"

BULBS

Amaryllis
Begonias (Tuberous Rooted)
Gladiolus
Gloxinias (Tuberous Rooted)
Tuberoses

SUPPLIES

Aluminum Phosphate
Bamboo Stakes
Bone and Blood
Formaldehyde Dust
Handy, Sowrite Seed Model
Hormodin
Horn Shavings
Hose Couplings
Loma
Nikoteen
Paper Pots
Flower Boxes
Peat Moss
Pot Labels
Rootone
Red Arrow

VEGETABLE SEED

Cabbage
Cauliflower
Celery
Egg Plant
Parsley
Pepper
Radish
Tomatoes

Planted in January	Benching	Blooming	Culture
Agathea	July	Dec.-May	
Antirrhinum	March	April-June	Pinch February 15th.
Begonias (Seed)	Jan.	May-June	
Candytuft & Nemesia	Jan.	May-June	Sow directly in flats, bench.
Centaurea Cyanus	Feb.	April	One pinch.
Chrysanthemums (A)	March 1	May	
Clarkia	Jan.	April-May	Grow 2" or shallow flats. Poor soil.
Gloxinia	Jan.	Aug.-Sept.	Grow under partial shade.
Gypsophila	Jan. & every two weeks	March 15	Sow directly in flat or bench.
Kalanchoe 60°-65°	March	Dec. 1-15	Shade 3 hrs. Aug. 15-Oct. 1. 5-8 P.M.
Kalanchoe 60°-65°	March	Christmas	Shade 3 hrs. Sept. 1-Oct. 20. 5-8 P.M.
Leptosyne	March 1	April-May	
Lupinus	Jan.	April	
Petunias	Jan.	April-June	
Salvia	Feb.	July-Aug.	Keep bushy.
Solanum	March	Berried Dec.	Pinch March.
Stocks	March	Memorial Day.	Grow below 50°.
Sweet Peas	Jan.	April-June	See August culture.
Torenia	Feb.	June-July	Pinch March.
Hydrangea (cuttings)	Feb.-April	Easter-June	Do not pinch later than July 1.
Gladiolus	Jan. 15	May	

ITEMS TO START IN FEBRUARY

FLOWER SEEDS

Ageratum
Asparagus Plumosus Nanus
Asparagus Sprengeri
Asters (for forcing)
Calendula
Campanula Annual
Candytuft (Dwarf for combinations)
Carnation Annual (for plants)
Centaurea Cand. (Dusty Miller)
Centaurea Cyanus
Dahlias Unwin (Fine pot plant)
Dracaena Indivisa
Gypsophila Annual
Larkspur
Lilium Praecox White Queen (for spring 1946)
Lilium Creole X White Queen Hybrid

FLOWER SEEDS—Continued

Linaria (for combinations)
Marigold (Dwarf for combinations)
Mignonette (for cutting)
Mimulus (for pots)
Nasturtiums (Double flowering or cutting)
Nemesia (Combination)
Nierembergia Hippomanica
Petunias
Primula Obconica
Salpiglossis (for cutting)
Salvia (for plants)
Stocks (Column and branching)
Sweet Peas (Late varieties)
Thunbergia (Vine)
Torenia (for pot plants)
Verbena (Spring plants)
Vinca Rosea (plants)
Zinnia (for cutting inside)

ITEMS TO START IN FEBRUARY—Continued

GREENHOUSE

Azaleas
Lantana 2¼"
Hydrangea R.C.
Geranium 2¼" or R. C.
Chrysanthemum R.C.
Carnation R.C.
Vinca R.C.
Fancy Leaved Caladiums.
Ageratum R.C.
Verbena R.C.
Cyclamen Seedlings
Cannas
Dahlia

BULBS

Amaryllis
Begonias
Caladiums Esculentum
Gladiolus
Gloxinias

SUPPLIES

Arsenate of Lead
Bone & Blood
Bone Meal
Evergreen

SUPPLIES—Continued

Florafoil
Flower Boxes
Hormodin
Loma
Paper Pots
Picks
Red Arrow
Semesan
Bamboo Stakes
Snarol
Soil Tester
Vigoro

VEGETABLE SEED

Cabbage
Cauliflower
Celery
Egg Plant
Endive
Lettuce
Mushroom Spawn
Onion
Onion Sets
Parsley
Pepper
Radish
Tomato

Planted in February	Benching	Blooming	Culture
Asters	March 10	June-July	Lighted Feb. 10 on Use late var.
Marigolds	April 1	May 15	Grow restricted containers. Dry side.
Primula	April	October	Do not use peat.
Stocks	April	June	Grow below 50°.
Sweet Peas	February	May-June	See August culture.
Hydrangeas take cuttings	Feb.-April	Easter-June	(Latest pinch July 1, Pots)
Gladiolus	Feb.	May-June	
Begonias Tuberous	Feb.	June-Aug.	
Gloxinias Tuberous	Feb.	June-Aug.	

ITEMS TO START IN MARCH

FLOWER SEEDS

Alyssum
Antirrhinum (for plants)
Asparagus Plumosus Nanus
Asparagus Sprengeri
Asters (for forcing)
Calendula
Clarkia (for cutting)
Celosia (Dwarf for combinations)
Centaurea Cyanus (outside)
Dahlias Unwin (Fine pot plant)
Dimorphotheca (for plants)
Gerbera (Transvaal Daisy)
Gomphrena (Combination pots)
Grevillea Robusta (Filler)
Gypsophila (A) For cutting
Ipomoea Clark's Early Heavenly Blue.
Larkspur (outside)
Lupinus (Annual)
Marigolds
Mesembryanthemum (pots)
Nasturtiums
Petunias
Primula Obconica
Primula Sinensis
Salpiglossis
Salvia
Solanum (Xmas Cherry or Pepper)
Statice Sinuata
Sweet Peas (outside)
Venidium (plants)
Verbena
Zinnia (for cutting inside)

VEGETABLE SEED

Beans
Carrots
Onion Sets
Peppers
Radish
Spinach
Turnip

SUPPLIES

Bamboo Stakes
Bone Meal
Bull Dog Clips
Crepe Paper
Cyanogas
Flower Boxes
Flower Pot Wrap
Flower Potfoil
Glazing Material
Labels
Loma
Nicofume
Pot Tie
Pot Tie Ribbons
Raffia
Red Arrow
Soil Tester
Stake Fasteners
Twine

GREENHOUSE

Azaleas
Buddlea
Cannas
Dahlias
Chrysanthemum R.C.
Fancy Leaved Caladiums
Geraniums 2¼" or R. C.
Hydrangea R.C.
Tritoma

BULBS

Begonias
Caladiums Esculentum
Cinnamon Vines
Gladiolus
Gladiolus Display Case
Gloxinias
Ismene
Leucocoryne
Madeira Vines
Montbretias
Ranunculus
Tuberoses

GRASS SEED

Planted in March	Benching	Blooming	Culture
Antirrhinum	May 15	July & later	
Asters	May 15	July	Do not pinch.
Gerbera	Aug.	Dec. and later	Use fresh seed only.
Primula Obconica	May	Dec. 25	Do not use peat.
Primula Sinensis	May	April on in 5" pots.	
Zinnias	April	May 20-June	
Begonias (bulbs)	March	June-Aug.	60°-65°.
Gloxinias (bulbs)	March	June-Aug.	60°-65°.

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Give this Check List the "Once Over" When Ordering

ITEMS TO START IN APRIL

FLOWER SEEDS

Asparagus Sprengeri
Plumosus Nanus
Asters (for forcing)
Calendula
Celosia
Centaurea Annual Sorts
Cosmos Sensation varieties very good
Delphinium (P)
Dianthus Annual Pinks
Euphorbia Variegata (for cutting filler)
Freesias (Sow in flats will bloom in Jan.)
Gaillardia (A) (Spring plants)
Grevillea Robusta (Filler)
Gypsophila (A) (outside or cutting)
Ipomoea Heavenly Blue (Clark's early)
Lupinus (A) (Annual)
Marigolds (Spring plants)
Nasturtiums Double varieties best.
Primula Obconica
Primula Sinensis
Saponaria "Pink Gyp" (for cutting)
Scabiosa (for cutting)
Statice Sinuata
Strawflower Helichrysum
Zinnia (for cutting inside)

VEGETABLE SEED

Asparagus Roots
Kohlrabi
Onion Sets

GRASS SEED

ROSES

GREENHOUSE

Azaleas 2¼" and up for growing on
Buddlea
Cannas
Chrysanthemum R.C.
Cyclamen Seedlings
Dahlias
Delphinium
Geraniums 2¼" or R. C.
Hydrangeas
Tritoma

SUPPLIES

Bamboo Stakes
Flower Boxes
Insecticides (resale)
Loma
Peat Moss

BULBS

Anemone
Begonias
Gladiolus
Gloxinias
Ornithogalum
Rannunculus
Tigridias
Tuberoses

Plant in April	Benching	Blooming	Culture
Annual Gypsophila	Flatted May 15	June-July	
Asters (late April)	June 1	July	
Lupinus	April	May 30	
Primula Obconica	June	Jan.-Feb.	Do not use peat.
Zinnias 1st	Early April	May 20-June 1	
Zinnias 15th	Late April	June 1-June 10	
Mums. R.C. & Pomps	June	Oct.-Dec.	
Mums. R.C. & Pomps	June	Dec.-Feb.	Lights started Aug. 10 Use only for ½ hour at midnight.
Garza and late Pomps. R.C.	Early July	Oct.-Dec.	
Late Mums R.C.	Early July	Dec.-Feb.	

ITEMS TO START IN MAY

FLOWER SEEDS

Antirrhinum Ghse. var.
Asparagus Plumosus Nanus
Asparagus Sprengeri
Calendula (outside for cut)
Campanula medium sorts (B)
Delphinium (P)
Digitalis (B)
Forget-me-not (For Jan. flwg. Early Blue Bird)
Freesias (Sow in flats will boom in Jan)
Gourds (Start in pots)
Gypsophila (A) (for cutting)
Lupinus Annual (outside)
Primula Malacoides
Primula Obconica
Scabiosa (outside for cutting)
Zinnias (outside for cutting)

BULBS

Gladiolus **Tuberoses**
Ismene

SUPPLIES

Bamboo Stakes
Bone & Blood
Bone Meal
Cyanogas
Galvanized Wire Stakes
Insecticides (resale)
Loma
Nicofume
Raffia
Red Arrow
Sheep Manure
Volck

GREENHOUSE

Azaleas 2¼" and up for growing on
Begonias 2¼"
Chrysanthemum R.C.
Geranium R.C.
Poinsettia Stock Plants

Plant in May	Benching	Blooming	Culture
Primula Obconica	July	Jan. & later	
Zinnias	Early May	June 10-20	
Poinsettias	Make cuttings in July-Aug.		Pinch not later than Sept. 1 for Dec. 25 blooming, 65°.
Garza & later Pomps. R.C.	Early-Mid. July	Jan.-Feb.	
Late Mums	Early-Mid. July	Dec.-Feb.	

ITEMS TO START IN JUNE

FLOWER SEEDS

***Achillea** (P) (Tall cutting varieties)
Alyssum Saxatile (P)
***Anthemis** (P) (for cutting)
Antirrhinum (Greenhouse var.)
***Aquilegia**
Arabis (P)
Asparagus Plumosus Nanus
Asparagus Sprengeri

FLOWER SEEDS—Continued

***Asters** (Perennial varieties)
Aubrietia (P)
Begonias (for Xmas plants)
Calceolaria
Campanula Calycanthema (B)
Candytuft
***Carnation** (P)
Cineraria

ITEMS TO START IN JUNE—Continued

FLOWER SEEDS—Continued

***Coreopsis** (P) Double Sunburst good
Cyclamen
***Centaurea** (P)
***Daisy Shasta** (P) Single & Double
***Delphinium** (P)
***Dianthus** Barbatus (B)
Digitalis (B)
Dracaena Indivisa
Gloxinia (for pots)
***Gaillarda** (P) (for cutting)
***Gypsophila** (for cutting) (A)
***Helenium** (P) (for cutting)
Helianthemum (P)
Heuchera (P)
Lunaria (P)
***Lupinus** (P) (Annual and Perennial)
Lychnis (P)
***Matricaria** (P)
Primula Chinese (pots)
Primula Malacoides (pots)
Primula Obconica (pots)
***Pyrethrum** (P) (for cutting)
***Scabiosa** Caucasica
Statice (P) Dumosa variety very good
Sweet Peas (early Flwg.)
Wallflower

FLOWER SEEDS—Continued

*Starred perennial varieties are valuable for cutting besides plant sales.

(A) means Annual; (B) means Biennial; (P) means Perennial.

BULBS

Gladiolus

GREENHOUSE

Bouvardia 2¼"
Chrysanthemum R.C.
Gaillardia
Table Fern Seedlings

SUPPLIES

Bone Meal
Hose & Couplings
Insecticide Refills
Loma
Nicofume
Bordeaux Mixture
Pomo Green
Red Arrow
Sulfate of Aluminum
Super Phosphate
Vigoro

Plant in June	Benching	Blooming	Culture
Antirrhinum	August	Dec.	Pinch to 3 or 4 sets of leaves, no higher to avoid spindliness.
Cinerarias	August	Early Jan. on	Do not pinch.
Lupinus	June	Jan.-Feb.	Small pots outdoors bench in Sept.
Double Snaps cuttings June 15	Aug.	Jan. & later	
Sweet Peas	June	Sept. & Dec.	Run rows N. & S. for winter blooming. See Aug. culture.

ITEMS TO START IN JULY

FLOWER SEEDS

Agathea (Blue Daisy)
Anchusa (P)
***Anthemis** (P)
Antirrhinum
Armeria (P)
Asparagus Plumosus
Asparagus Sprengeri
Begonia (for Xmas plants)
Bellis (B)
Calceolaria
Calendula
Campanula (B)
***Centaurea** Perennial vars.
Cineraria
Clarkia
Cyclamen
***Daisy Shasta** (Single & Double)
***Delphinium** (P)
Dianthus Plumarius
Didiscus Coeruleus Improved
Digitalis (B)
Dracaena Indivisa
***Gaillardia** (P)
***Geum** (P)
Gypsophila
***Helenium** (P)
Heuchera (P)
Hollyhocks (P)
***Liatris** (P)
***Lupinus** (P)
Lychnis (P)
Marigold (Ghse. var.)
***Matricaria** (Feverfew)
Mignonette
Myosotis (P)
Nasturtiums Double varieties best
Pansies (outside for spring plants)
Pansies (Greenhouse long stem var).

FLOWER SEEDS—Continued

Platycodon (P)
Poppy (P)
Primula Malacoides
Primula Obconica
Primula Sinensis
***Pyrethrum** (P)
Salpiglossis
***Scabiosa** (P)
Schizanthus
***Statice** (P)
Stocks
Sweet Pea (Early)
***Sweet William** (B)
***Tritoma** (P)
Veronica (P)
Viola (B) (Spring plants)

*Starred perennial varieties are valuable for cutting and plant sales.

(A) means Annual; (B) means Biennial; (P) means Perennial.

BULBS

Gladiolus
Fall Flowering Crocus

SUPPLIES

Bone Meal
Hose & Coupling
Red Arrow
Sphagnum Moss
Vigoro

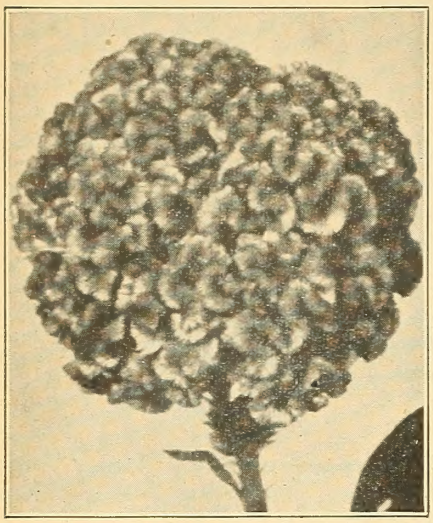
GREENHOUSE

Table Fern Seedlings

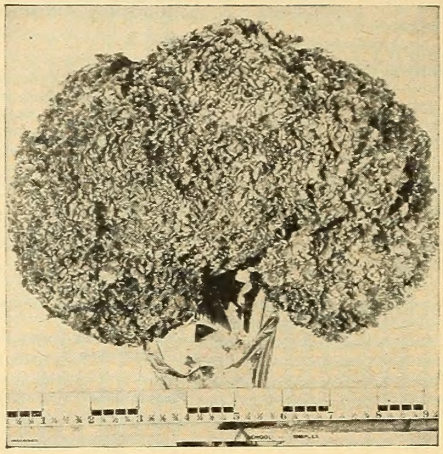
Planted in July	Benching	Blooming	Culture
Antirrhinum	Aug.	Xmas & later	Pinch about Aug. 30 to 3 or 4 se of leaves.
Boston Yellow Daisies	Nov. 15	Feb. on	Start cuttings.
Boston Yellow Daisies	Nov. 1	Jan. 15 on	Lighted start cuttings.
Boston Yellow Daisies	Oct. 1	Dec.-March	Lighted start cuttings.
Calceolaria	Sept.	Feb.-March	Lighted.
Calceolaria	Sept.	Easter-Mother's Day.	
Calendulas	Sept.	November	
Cineraria	Sept.	Jan.-Feb.	Do not pinch.
Feverfew (Matricaria)	Sept.	Feb.-April	Lighted.
Mignonette	Sept.	Nov.-Feb.	Do not pinch. Disbud.
Pansy	Oct.	Nov. on.	Germinates below 68° Far.
Primula Obconica	Sept.	April on.	
Primula Sinensis	Sept.	April on 3" pots.	
Stocks	Aug. 15.	Xmas & later	Use early var. Grow below 50° for setting buds.
Stocks	Sept.	Jan.-Feb.	Grow below 50° for setting buds.
Sweet Peas	July	Oct.-Feb.	See August culture.

Flower Seed Novelties and Specialties

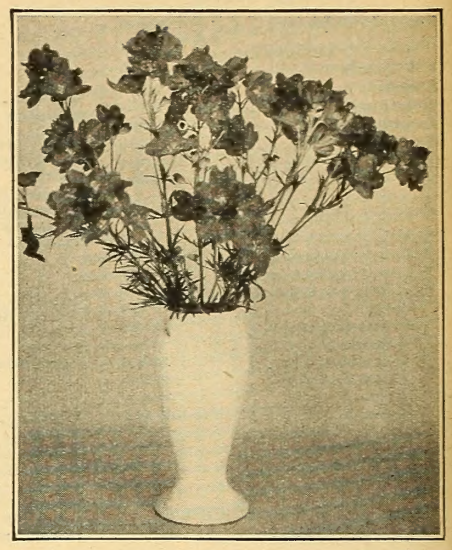
Easter 1945 is April 1st



CELOSIA Gilbert's Maple Gold



CELOSIA Giant Crimson Glory



DELPHINIUM. Blue Mirror. Trade pkt., 50c.

Giant Red Snapdragon

ANTIRRHINUM Large Flowering Rust Resistant Padre. A glistening crimson rich and beautiful, an excellent grower with uniformly compact contrasting foliage; one of the best. Trade pkt., **25c**; ¼ oz., **75c.**

Aster of Navy Blue

Extra Early Giant Crego, Navy Blue. First of a new race of large flowered, early Asters. In fact, it seems as early as Queen of the Market class, so should be quite satisfactory also in the South. While not wilt-resistant, it has fair growth, true and uniform 4 inch flowers on 12 to 20 inch branching plants and averaging 10 inches, strong cutting stems. Narrow, purplish green foliage and stems. Trade pkt., **25c**; ⅛ oz., **50c**; ¼ oz., **85c**; oz. **$2.80.**

Giant Double Pink Daisy

Bellis Giant Quilled Double Pink. Double Daisies are one of the popular spring bedding plants. When associated with Pansies, they produce a charming effect. Sow seed very early in the year in the greenhouse or wait until June when seed may be sown to give strong plants for bedding out in October in cold frames for next spring sales. Trade pkt., **50c**; ⅛ oz., **$1.80.**

Largest Garden Carnations

Malmaison J. M. Bridgeford. Of sturdy habit, upright growing plant bearing large flowers. 3½ to 4 inches across, all being of equal size. The chief merit lies in the extensive color range. Some 25 different colors have been counted. Trade pkt., **50c**; ⅛ oz., **$1.10**; ¼ oz., **$2.00.**

Super Giant Mixed. A strain similar in habit and earliness to Chabaud Giant Improved but with extra large flowers. Very double and strongly clove scented. Trade pkt., **50c**; ¼ oz., **$1.65**; oz., **$6.00.**

Prof. Malmgreen. A new early flowering Vienna dwarf double type with gay brick red flowers. Fine for cutting. 14 in. Trade pkt., **50c.**

Decorative Pop Corn

Strawberry Corn. While this is really a "Pop Corn" and a very good one at that, its charm is in its attractive effect of the tiny ears which are only 2 in. long and 1½ in. wide and are a rich and shiny mahogany color, not unlike a gigantic strawberry. They are enclosed in straw-colored husks which may be bent back showing the ear. Stalks sold in the market at 10c each. See illustration in color on inside front cover. Oz., **30c**; ¼ lb., **$1.00**; lb., **$3.60.**

New Colors in Coxcombs

CELOSIA Gilbert's Maple Gold. The blooms are the crested type. The color is an attractive pink tipped yellow but may vary somewhat. Plant grows about 30-36 in. tall with 8-12 heads normally, more if center is pinched. Penn State College reports of this in their 1944 trials, "Heads large and a beautiful blend of colors." Trade pkt. (300 seeds), **50c.**

CELOSIA Giant Crimson Glory. Brilliant heads of cherry red which appear deeper at a distance. They look almost blood red under artificial light. In bright sunlight the hairs on the plush-like heads make them appear to be overlaid with silver. Practically free of the branching habit. Average heads 8 in. to 10 in. by 5 in. Grow about 14 to 18 in. in height, have shining bright green leaves and a red tinged stalk. Trade pkt., **50c**; ⅛ oz., **$1.00.**

Latest Annual Chrysanthemums

Maximum Fringed Semi-Double and Double. The plants are extremely vigorous, producing at one time from 25 to 40 feathered fringed blooms. The strong heavy stems support blooms that average from 5 to 8 inches in diameter. A percentage of the plants will produce full double blooms, the balance semi-double and fringed. Trade pkt., **50c**; ¼ oz., **90c**; oz., **$3.00.**

Carinatum Rainbow Mixture. A surprising blend of entirely new shades and color combinations in Annual Chrysanthemums. The very free flowering 2 feet high plants are early blooming, coming into flower 2 months from the time of sowing; from June until September they give a truly amazing display. As a cut-flower this lovely Chrysanthemum will prove of outstanding value. Trade pkt., **30c**; ¼ oz., **60c**; oz., **$2.00.**

Two Calendula Novelties

Giant Glowing Gold. 2½ ft. Vivid color coming between gold and orange which does not fade. Flowers are fully double, 4 in. across, with loose and fluffy petals that give the appearance of a golden ball. Long, wiry stems. Trade pkt., **40c**; ¼ oz., **60c**; oz., **$2.00.**

Orange Beauty. Blooms are large, 3½ in. and more across of curved loose petal formation and freely borne on long stems. The color is bright, deep orange slightly suffused with yellow at the base of the florets, the inner petals gracefully curling over the lighter colored center. 2 ft. Trade pkt., **40c**; ¼ oz., **60c**; oz., **$2.00.**

DOUBLE ANNUAL Gaillardia Sunshine

Grow Dahlias Like Annuals

Unwin's Dwarf Hybrids. XXX Strain. The plants are dwarf, semi-double flowers of the most attractive form in fine range of color. Seed sown in March, plants will be in bloom by end of June. Seed sown in January and early February and grown cool will make fine plants for Mother's Day. These dwarf Dahlias are very popular for border planting and bedding work. Trade pkt., **25c**; ¼ oz., **65c**; oz., **$2.20**; 4 oz., **$6.50.**

New Red, White, Sweet Williams

Homeland. Large trusses of bloom of a most unusual color, dark rich red with a large sharply defined clear white center. Plants sell on sight when in bloom besides giving splendid cutting material at a time when annuals are not yet in flower. Trade pkt., **50c**; ¼ oz., **$1.00**; oz., **$3.80.**

Special Giant White. Is pure white. The flower clusters are at least ⅓ larger than the ordinary white with a good strong wiry stem from ⅓ to ½ longer than the ordinary. In growth it resembles the Perennial Phlox and is a splendid cut flower. The individual florets average from ½ to ¾ of an inch in diameter, their size depending somewhat on the culture. Trade pkt., **35c**; ¼ oz., **75c**; oz., **$2.40.**

Dianthus Color Carnival

Dianthus Heddewigii Gaiety. The large fringed flowers have a bewildering variety of pink, white, red and maroon coloring, in decorative patterns, and borne freely on dwarf plants. There are numerous double and semi-double forms. The many blossoms, borne for a long season, will cover a bed of these plants with a fascinating display of brilliant colors. Penn State College report of this in their 1944 trials "All fringed, color range good, very floriferous. Excellent." Trade pkt., **35c**; ¼ oz., **70c**; oz., **$2.40.**

Delphinium Good for Cutting

Blue Mirror. This Chinese Larkspur has no spurs and it shows its bright navy blue flowers most effectively by their horizontal position. Height 1½ to 2 feet. May be cultivated as an annual as well as perennial, and is finely suited for cutting purposes, for groups and borders. Trade pkt., **50c**; ¼ oz., **$1.00**; oz., **$3.80.**

Grow This Freesia From Seed

Golden Daffodil. Color clear light yellow with orange blotch. Large flowers on strong stiff stems. Trade pkt., **50c**; ¼ oz., **$1.25**; oz., **$4.00.**

New Colors in Gaillardias

Sunshine. Harmonious blending of giant annual Gaillardias, ranging from almost self red with but slight, though sharply contrasting yellow tipping, to less and less red until some flowers are a pure self yellow. Fully double blooms, 2½ to 3 in. across on stiff stems. 2½ ft. tall. Penn State College report of this in their 1944 trials "Red, yellow combination of all of them. Excellent." Trade pkt., **25c**; ¼ oz., **65c**; oz., **$2.20.**

Grandiflora Sungod. The full circular flowers are of a rich golden yellow without a trace of any other color. The large self colored blooms supported by stout stems above the pale green foliage continue from early summer until late in fall. Trade pkt., **35c**; ¼ oz., **75c.**

Quality Geranium Seed

Flowerland Strain. Improved single large-flowered seed saved from name varieties. Include seed of Fiat, White Beauty, Alice of Vincennes, Madam Kovelesky and others which will provide a wide range of colors. This seed will germinate irregularly in from 14 days to two months. The plants may be lifted as they reach suitable size, but the seed box should not be disturbed until germination has ceased. Trade pkt., **50c**; ⅛ oz., **$1.00.**

This Liatris Six Feet Tall

Scariosa, September Glory. A giant 6-foot spike solidly covered with purple flowers. The flowers, unlike the common variety, come into bloom all at the same time, creating a marvelous effect. Trade pkt., **50c**; ¼ oz., **$1.50.**

Improved Lythrum for Damp Places

Superbum, The Beacon. Excellent for moist or wet locations in the border. An English introduction of merit, produce 12 or more 3-foot upright spikes of clear rosy red which last a month or more, and are also good for cutting. Trade pkt., **35c**; ¼ oz., **75c**; oz., **$2.50.**

Latest Primula Introductions

Obconica Gigantea Wyaston Wonder. A new type of Primula Obconica, producing flowers of truly immense size; it is by far the largest flowered variety in existence. The general growth of the plant is of exceptional vigor and robustness; the foliage of fine growth and texture. The huge heads of bright crimson flowers are carried on strong stems well above the foliage. Trade pkt., **$1.25**; 1/64 oz., **$2.25**; 1/32 oz., **$4.25**; 1/16 oz., **$8.00.**

Obconica Gigantea Ruffled Wyaston Wonder. A special selection made by an American hybridizer. It is a selection from the regular Wyaston Wonder but with the petals more or less ruffled on the edges. The percentage of ruffled petals would run somewhere in the neighborhood of 75 percent true to form. Color, hugh heads of bright crimson flowers. Trade pkt., **$1.50.**

Super Giant Obconica "Orchid Lavender." Here is a variety which will sell on sight. The color is a superb art shade of true orchid-lavender. The trusses are of enormous size, composed of individual blossoms throughout the entire truss which will average two and one-half inches in diameter. Trade pkt., **$1.25.**

Polyanthus Giant Bouquet Mixed. A magnificent development of this old garden favorite, the flowers being of exceptional size, often 2 inches across. They are produced in great numbers and display an immense variety of coloring from white to cream, yellow, scarlet, purple and crimson. Borne on strong stems they are excellent for cutting, as well as making a splendid show in the garden. Trade pkt., **$1.00**; 1/16 oz., **$2.40.**

Our Pick of Newest Marigolds

Flash. All-America Silver Medal 1945. Bright combination of colors which range from vivid red through bronze with a few yellow flowers to give a harmonious contrast to the massed brilliance of the fiery alive plants. In most of the flowers the base color of tangerine is overlaid with rich marigold-red. Individual flowers of this new Single French Marigold grow 1¾ in. and more across; the plants, 18 in. tall. Penn State College report 1944—"Seed sown May 1st—first flower June 20th. Uniform in growth. Red coloring disappears in the heat of summer, but returns in fall." Trade pkt., **50c**; ⅛ oz., **75c**; ¼ oz., **$1.25**; oz., **$3.75.**

Real Gold. All America Bronze Medal, 1945. Large carnation-type flowers up to 4¼ inches across are borne on compact bushes 20 to 25 inches tall, rather late in season. Color is golden orange illuminated with yellow and flowers are abundant. Trade pkt., **50c**; ¼ oz., **$1.25**; oz., **$3.75.**

Dwarf French Double, Butterball. Most attractive, very compact, Scabious-flowered, canary yellow. Only 6 to 10 inches tall, uniform, very early and continuous flowering. Rich, dense foliage, well covered with small 1¼ inch blooms. Trade pkt., **25c**; ¼ oz., **50c**; oz., **$1.80.**

Mammoth Mum. 30 in. Honorable mention in the All America Selection of 1944. Blooms early. The flowers are fluffy ball-like, light sulphur yellow in color. The flowers are 3½ in. across and 2 in. deep and develop into the largest chrysanthemum flowered Marigold. Trade pkt., **35c**; ¼ oz., **80c**; oz., **$2.80.**

Mission Giant. Yellowstone. Bright rich clear yellow counterpart to Goldsmith, with large, 2½ inch flowers, on luxurious, large plants. Late blooming and lasting until frosts. Flowers are of double, incurved, chrysanthemum-like form, and very attractive. Rather late for the most northern, short season, locations. Uniformly 3 to 5 feet tall. Trade pkt., **35c**; ¼ oz., **65c**; oz., **$2.20.**

Sunkist. Silver Medal All-America 1943. It is a dwarf, compact, very early, continuous blooming, double French Harmony type. It comes practically true, 6 to 12 inches tall, and the many attractive flowers are to 1½ in. across. For bedding, edging and pot-culture. Companion variety for the already popular Butterball. Trade pkt., **35c**; ¼ oz., **70c**; oz., **$2.40.**

Dwarf Coronet Improved. Plants average 9 in. in height. Small Scabiosa flowers golden yellow in center and deep mahogany red collar. Plants compact, free blooming and early. The Penn State College states in their report of annuals for the fall of 1943 that "it is very uniform and one of the outstanding samples of the year." Trade pkt., **25c**; ¼ oz., **50c**; oz., **$1.60.**

Best of the New Petunias

All-Double America. Silver Medal All-America 1943 is the all-double type, of medium size, 100 percent carnation-flowered, and rose-pink in color. It supersedes the Double Rosy Morn with same color and growth. America Petunia is a hybrida nana, an abundant bloomer from early summer to frosts; for bedding and cutting. Uniform and true. 200 seeds, **75c**; 500 seeds, **$1.75**; 1000 seeds, **$3.00**; 1/64 oz., **$11.00.**

Extra Dwarf Giants of California. This new strain has been bred to fill the need for a truly dwarf pot Petunia. It is by far the best strain for this purpose in existence today. The color range has also been greatly improved and brightened. 1000 seeds, **$1.50.**

PETUNIA Ruffled Nana Compacta Grandiflora Mixed

Ruffled Nana Compacta Grandiflora Mixed Colors. A new type of Petunia with very attractive medium sized, well fringed and ruffled flowers borne in great profusion on erect growing, very compact plants only 8 to 12 inches tall. The mixture of colors ranges from pure white to dark red in every imaginable gradation and combination. Trade pkt., **50c**; 1/16 oz., **$2.50.**

Large Flowering Single Fringed Blushing Maid. The flowers are of largest size, deeply fringed and ruffled, of a rosy pink and white with yellow veins and throat. One of the loveliest giant single Petunias. Trade pkt., **50c**; 1/64 oz., **$1.40.**

Pink Glory Hybrids (Windmiller). Their large blossoms, bright colors, branching habit and long life are hard to match. The hybridizer states "As a porch box Petunia they have proven superior to any we know of." Trade pkt., **$1.00.**

Dwarf Bedding Cheerful. Received Bronze Medal in the All America Selection of 1944. The clear salmon pink flowers have a deeper rose veining toward the throat. The growth is low spreading close to the ground, later the plants form a mound 10-12 in. high with a spread of 2 ft. Growth is densely compact and the plants are studded from early summer until frost with flowers 2½ in. across. Trade pkt., **50c**; 1/16 oz., **90c**; ⅛ oz., **$1.60**; ¼ oz., **$2.70.**

Snow Mountain. It is a true nana compacta, growing not over 12 inches high and about a 12 inch spread, being very thickly covered for a very long season with medium-size white flowers. It is very much of the same habit and character as Igloo except that the flowers are a little larger and they do not have the dark throat of Igloo. It is very uniform in habit and we feel much more desirable for border work than Nana Compacta Snowball. Trade pkt., **35c**; ⅛ oz., **65c**; ¼ oz., **$1.20**; oz., **$4.00.**

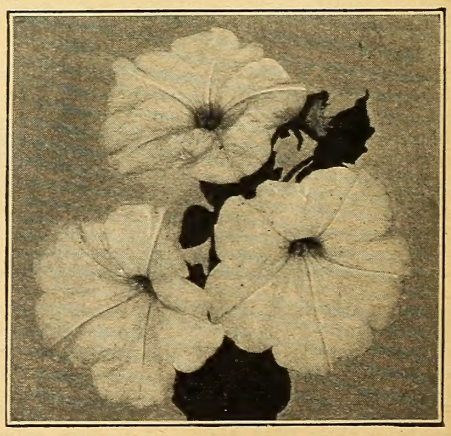
MARIGOLD Mammoth Mum

Pansy of New Color Blend

Swiss Raspberry Rose. See outside back cover for illustration, description and price.

Best of the Iceland Poppies

Nudicaule Kelmscott Strain. The best strain, strong wiry stems, large flowers in great variety of beautiful colors. Trade pkt., **35c**; ⅛ oz., **60c**; ¼ oz., **$1.00**; oz., **$3.60.**



PETUNIA Snow Mountain

Vaughan's The World's Best Flower Seeds

Scarcity Due to War Increases.

Reduction of flower seed acreage in 1944 was carried out to the full extent predicted, and still further curtailment of the crop was caused by bad weather at harvest time. As this catalogue goes to press reports of short deliveries are still coming in, and we are informed that no imports from the liberated countries of Europe can be expected for several months. We urge that you order early to make sure of your requirements in full.

If sold out of any variety ordered, we will supply a similar one of equal or superior quality, unless otherwise specified on your order.
Yes. No.

Customers of Vaughan's Seed Store are protected by an organization which for more than sixty years has specialized in seeds for florists, gathered from the highest skilled breeders and growers throughout the world.

Carl Cropp, vice president of Vaughan's Seed Store since 1884, and his son, Carl, Jr., know these growers and have made frequent trips to their fields, and checked their products in trial grounds. They make sure that we supply you with the best seed obtainable in the world.

TESTING Every lot of flower seed sold by us is tested in OUR OWN laboratory, where we prove the germination and make certain that the percentage is up to the high level of our standards.

Flower Seeds for Summer Sowing—We issue a special catalogue in June. Should you fail to receive one, please write for it.

For Seeds of Perennials and Biennials, see Pages 38 to 52.

Trade packets contain considerably more seed than ordinary or retail packets, being based on Florists' needs for ordinary purposes.

Florists invariably get trade packets unless otherwise specified.

Quantities of ¼ lb. and over are charged at the pound rate; unless stated otherwise, ⅛ lb. is at the oz. rate; ½ oz. is at the ounce rate only when the price per ounce is 20c or more and ½ oz. rate is not otherwise quoted.

We do not sell ½ oz. where the price per ounce is 15c or less.

Cash Discounts on Flower Seeds: On all orders for flower seeds, totaling less than $25.00, 5%, and over $25.00, 8%, may be deducted if cash is enclosed, except Cyclamen seed, which is net.

	Trade pkt.	Oz.
Abronia Umbellata (Sand Verbena). Rose. 10 in.	$0.10	$0.60
Acroclinium Double Giant Mixture. Excellent fresh cut flower. When used for winter bouquets, cut when buds begin to open ¼ oz., 30c	.15	1.00
Agapanthus Umbellatus (Blue Lily of the Nile). Does well out of doors in all southern states ¼ oz., 65c	.35	2.40

Ageratum

Sow seed early to have good sized plants for spring. Plants from seed will vary some in habit.

Mexicanum. Blue, for cutting. 2 ft.	.20	....
Album White. 2 ft.	.15	.60
Blue Ball Improved. 4-5 in. ¼ oz., 90c	.35	3.20
Blue Bedder. 4 in. Uniform compact plants bearing clusters of lavender-blue flowers. The color is deeper than that of Blue Ball ¼ oz., $1.25	.50	4.00
Blue Cap. 4 in. Dwarf compact habit. True blue flowers. Very uniform ¼ oz., 90c	.25	3.20
Blue Perfection. True blue. 6 in. ¼ oz., 40c	.20	1.40
Fairy Pink. Dwarf and compact habit, flowers delightful soft salmon-rose	.50	....
Little Blue Star. Tiny bushes, flowers light blue with red center. 4 in. ¼ oz., 65c	.25	2.40

AGERATUM Midget Blue
Trade pkt., 35c; ⅛ oz., 85c; ¼ oz., $1.60; oz., $5.50

AGERATUM—Continued	Trade pkt.	Oz.
Midget Blue. A delightful little plant being uniformly dwarf and true to color from seed. The delicate fine foliage is practically smothered with small true Ageratum blue flowers. ⅛ oz., 85c; ¼ oz., $1.60	$0.35	$5.50
Mexicanum Purple Perfection. Richer and deeper blue ¼ oz., 40c	.20	1.40
Venus, Pink. 6 in ¼ oz., 85c	.30	....
Golden (Lonas Indora). 10 in. Clustered fluffy flowers of a rich yellow. Excellent for edgings. 1/16 oz., 90c	.50	....
Lasseauxi. Clear pink, excellent as cut flowers. 2 ft. ¼ oz., 80c.	.35	....
Agrostemma Coeli-Rosa (Rose of Heaven). Rose. 12 in.	.15	.65
Aloe Variegata or "Partridge Breast Aloe," the finest and most favored quick growing succulent with beautifully variegated leaves. Seedlings of 9 to 12 months of age, potted up in Tom Thumb pots, are salable in unlimited quantity. 100 seeds, $1.50; 500 seeds, $6.50; 1,000 seeds, $11.00.		
Alyssum Maritimum (Sweet Alyssum). 10 in. lb., $2.80	.10	30
Snow Cloth. A special selection, each plant absolutely flat and a compact mass of white without green center. This variety comes into bloom two weeks earlier than other varieties ¼ oz., 25c; 4 oz., $2.60	.15	.80
Vaughan's Little Gem. This is a special strain of extra dwarf, flat plants—ideal for edging and will give you 100% customer satisfaction. 4 in. ¼ oz., 30c; 4 oz., $3.50	.15	1.00
Violet Queen. A very pretty bright violet tint. It has the usual honey-like odor of the white variety ¼ oz., 40c	.15	1.20
Compactum Lutescens. Straw yellow. 6 in.	.20	.80

"SNAPS" For Greenhouse Forcing

Snapdragon being one of the leading Florist Greenhouse crops, we have followed very closely the development of the Winter Flowering or Forcing type and offer the following approved varieties.

SPECIAL OFFER—WHERE PRICE IS:

$1.00 per pkt., we supply any 3 for $2.50; any 5 for $3.50; any 7 for $4.55
$1.50 per pkt., we supply any 3 for $4.00; any 5 for $6.50
$2.00 per pkt., we supply any 3 for $5.00; any 5 for $7.50; except Maryland Pink which is $3.00 trade pkt. and ½ trade pkt., $1.75 net.

NOTE: **Combination prices apply to orders for one or more varieties.**

Varieties preceded by a star (*) are best for early winter flowering.
Varieties followed by a cross (X) we can supply in ½ trade pkts. at 60c each.

KOESTER'S WHITE

BRONZE SHADES

Trade pkt.

Afterglow. Golden bronze Spring flowering X $1.00

Bronze Christmas Cheer (Schlegel). A bright copper hood with lower part shading from deep gold to apricot. Well placed 1¾ to 2 inch individual florets. No grassy growth; non-shattering 2.00

***Early Glorious** (Windmiller). A highly attractive deep bronze shaded scarlet with closely set spikes. Fine for Valentine Day Sales 1.50

Ideal Improved (Hodaly). A blend of carmine rose shading into rich orange, tipped with lemon-yellow. Lips golden yellow, slightly suffused with carmine, white throat. Winter-flowering strain, blooming in four months from seed 1.50

Kirkwood Beauty. Bronze with a cast of gold—a striking color. Rather tall grower. 1.00

***Sunlight.** Improved Suntan, finest early golden bronze X 1.00

***Suntan.** Rose shade of tan with tinge of yellow on lip. Early blooming X 1.00

Talisman (Windmiller). Improved strain, all double, all bronze, true to type and color, early and continuous, a fancy flower for retail trade. Excellent for combination with other flowers 2.00

PINK AND ROSE SHADES

America (Hodaly). Brilliant rose pink with orange lip, blending into pure lemon. The flower heads are sixteen to twenty-five inches long, carrying well set, large florets; medium foliage 1.50

Ball's Early Pink. Rose pink similar to Radiance 1.00

***Better Times.** Not available this year, new crop ready in June 1945.

Cheviot Maid Supreme. Reselected. Deep rose-pink X 1.00

***Cheviot Supreme Appleblossom** (Windmiller). In color it resembles Verbena Mayflower. In late spring the color deepens to salmon-rose. Best in February. Does not shatter 1.00

***Christmas Cheer** (Windmiller). Conceded the best early pink. Fine spike, excellent for Christmas and comes back for second and third crops. Crop 1944 sold out. Crop 1945 ready in June 1945 ....

Daybreak. Strong, vigorous pink. Same shade as the Rose Briarcliffe. Heavy winter producer X 1.00

Trade pkt.

***Gilbert's Pink Queen Supreme.** Sold out, suggest Rose Queen.

La France (Windmiller). True strain, single plant selection, 100% true to type and color, ruffled satiny pink, excellent spikes and stem $1.50

Marie Louise (Raasch). Beautiful sea-shell pink. Strong and free-branching, producing long strong stems with compact flower spikes, with flowers closely set 2.00

***Mary Ellen.** Sold out, suggest Maryland Pink.

***Maryland Pink** (Winkler). Early, light pastel pink. Large flowers ..... net ½ trade pkt., $1.75 3.00

New Cincinnati. The finest light rose X 1.00

Peggy Schumann (Schumann). Pink, a large close-flowering spike on a strong, sturdy stem; will not shatter and produces no blind shoots 2.00

***Rose-Pink Cheviot Supreme** (Windmiller). Early, hard, wiry stems, small foliage, excellent keeper and shipper, intense color. Best in January 1.00

Rose Queen. Dark pink X 1.00

Schaffroth's Pink. A beautiful soft rose pink. Early flowering. Also may be grown as a second crop which will be in fine flower for Mothers' Day. Fine spikes, is a clean grower, wonderful keeper and the flowers rarely drop 2.00

St. Louis Pink (Rowe). Beautiful shade of silvery pink, the well placed flowers being produced on wiry stiff stems. Flower spikes being 10 to 12 inches in length and the flowers do not shatter. Sow early. Spring bloomer 1.50

Terry's Surprise, Improved. Pink and bronze shades, late .. 1.00

PINK AND ROSE SHADES—Continued

Trade pkt.

Yoder's No. 33. One of the parents of Mary Ellen is uniform light pink, slightly deeper than Mary Ellen but with the same long stems and early flowering habit $1.50

RED

***Christmas Red.** Not obtainable, suggest Velvet Supreme.

Velvet Supreme. A rich velvety scarlet crimson 1.50

LAVENDER

Ball's Lavender. A rich lilac lavender, fine spike and long stemmed 1.50

Bertha Baur. Standard lavender 1.00

Schumann's Lavender. A true color, heaviest spike and unquestionably the leader 2.00

***Windmiller's Lilac.** Excellent orchid, true to type and color, early, hardy wiry stems, small foliage, productive. Earliest in this color 1.50

WHITE

Feist's White. A true sport of Cheviot Maid. Clear white with a touch of yellow on the lip. Spacing excellent 2.00

***Koester's White.** It is earlier and a stronger grower than White Wonder and just as pure white and clean a grower and more substantial spike of slightly ruffled flowers 1.50

***Lucky Strike.** Well known pure white, grows three to four feet with full spike of flowers; does not drop or shatter X ... 1.00

"SNAPS" For Greenhouse Forcing—Cont'd

WHITE—Continued

Trade Pkt.

*Lucky Strike Improved. Earlier than the original..... $1.50

Margaret (Yoder) is a winterblooming ivory white, whiter than the old Lucky Strike but not as white as White Wonder. The stem is exceptionally stiff and there is almost no sidegrowth. The florets are of medium size set more closely on the spike than Mary Ellen but the spike has the same general form as Mary Ellen. It is earlier than Mary Ellen. The florets last a long time and do not shed..... 2.00

Marion White (Schumann). A real white, large close flowering spike on a strong, sturdy stem, throwing small foliage.. 1.50

Peace (Ball). Large closely set florets of the pure white on long, wiry stems. The unusually rich dark green foliage contrasts vividly with the snowy whiteness of its flowers. It is fairly early-flowering and entirely free of grassy side growth... 1.50

Schaffroth's White. Pure white. Midwinter blooming from July sowing. Produces 12 to 14 spikes per plant within a cropping period of four to five weeks..... 1.50

Schlegel's White. Early and vigorous grower for early and late planting..... 1.50

Westover's Fringed Early White (Windmiller). An early development of Westover's Fringed White—an ideal wedding bouquet white—good early or late..... 1.50

YELLOW

Carol Jean (Dornacher). A shade lighter than Ethel. Has no wild growth whatever. Will not shatter..... 2.00

*Ceylon Court. Dark Selection. Canary yellow. Our introduction X..... 1.00

Coate's Yellow Perfection. Deep golden yellow. Spring flowering X..... 1.00

*Ethel. Is a large, bright yellow flower, winter bloomer, well formed head, good stems, easy to grow and shatterproof. 1.50

Goldie (Windmiller). Deep early yellow..... 2.00

Klondyke Supreme. Deep intense golden yellow with extra large individual florets..... 1.00

Schlegel's Yellow. Early and vigorous grower for early and late flowering..... 1.50

Schumann's Yellow. Fine large yellow..... 2.00

Sunray. Large well placed yellow flowers on strong stems, a good shipper, has no grassy growth..... 1.50

*Yellow Wonder (Bezdek). Early and free flowering. Has a good stiff stem, a fine commercial variety..... 1.50

Greenhouse Varieties Mixed. With pinks predominating.. .75

"Majestic" Half Dwarf Sorts

A new type of Snaps, with flowers of the Maximum sorts and height of the "Half Dwarfs." An exceptionally good variety for plant sales and bedding work.

Avalanche. Pure White.
Dawn of Day.
Delight. Apricot.
Eldorado. Yellow.
Evensong. Chamois.
Golden Dawn. Golden buff, overlaid salmon.
Orange King. Rich orange.
Red Chief. Rich deep scarlet.
Rose Beauty. Rose-pink self.
Rose Marie. Light salmon, gold center.
Twilight. Delicate rosy salmon.

		Trade pkt.	Oz.
Each of the above	¼ oz. $1.00	$0.30	....
Majestic Varieties, mixed	¼ oz., 75c	.25	$2.60
Rose Princess. Giant flower, brilliant cerise rose with center overlaid gold		.50	....

Dwarf Sorts

Baby Rose. Very free flowering, compact plants covered with flowers of a deep, pink self tint	⅛ oz., $1.00	.35	....
Magic Carpet Mixed. A Snapdragon of almost creeping habit, fairly covered during the summer with flowers. Useful for border or rock garden	⅛ oz., $1.00	.35	....

Large-Flowering Half-Dwarf Sorts

Plants of medium height for bedding.

		Trade pkt.	Oz
Empress. Rich velvety crimson	¼ oz., 80c	$0.25	....
Flame. Improved Defiance	¼ oz., 80c	.25	....
Gloria. Rich, deep rose-pink	¼ oz., 80c	.25	....
Golden Monarch. Good yellow	¼ oz., 80c	.25	....
Golden Queen. Yellow	¼ oz., 80c	.25	....
Nelrose. Rose-pink	¼ oz., 80c	.25	....
Prima Donna. Terra-cotta pink, suffused primrose, excellent for florists' use	¼ oz., 80c	.25	....
Purity. White	¼ oz., 80c	.25	....
Red Emperor. Rich deep scarlet, compact habit	¼ oz., 80c	.25	....
Royal Rose. Rich deep rose	¼ oz., 80c	.25	....
St. George. A new shade of orange cerise	¼ oz., $1.20	.50	....
Vaughan's Special Mixture, semi-tall sorts	¼ oz., 55c	.25	$2.00

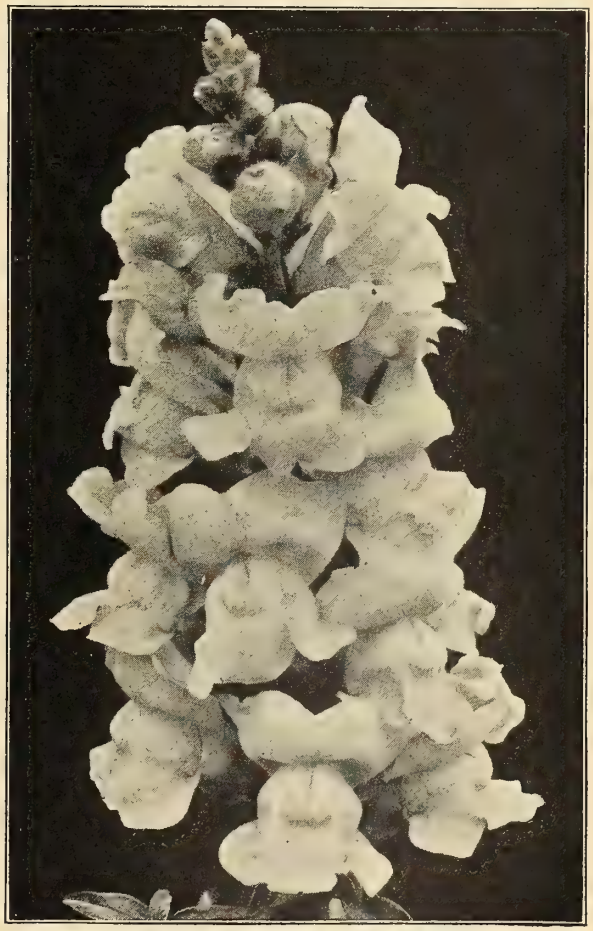
Antirrhinum Rust-Resistant Strains

By growing Rust-Resistant seed, there is a better germination, plants are more vigorous, foliage remains clean and the flowers are large and of excellent color. There will be a longer flowering season as well.

LARGE FLOWERING DWARF 1½ ft.

Amber and Gold.
Antique Gold. Shades of old gold, copper, fawn and orange.
Appleblossom. Rose pink, white tube.
Du Barry. Flaming salmon rose.
Gypsy Girl. Carmine, yellow nose.

		Trade pkt.	Oz.
Each of above	¼ oz., 75c	$0.25	....
Ruby. Velvety carmine crimson		.50	....



AUTIRRHINUM Maximum Rust-Resistant

See next page

ANTIRRHINUM RUST-RESISTANT STRAINS—Continued

LARGE FLOWERING TALL 2½ ft.
(Majus Grandiflorum)

Brilliant Rose.

Daintiness. Rose-pink, white throat.

Orange Shades.

Padre. A glistening crimson, rich and beautiful, one of the best. An excellent grower with uniformly compact contrasting foliage.

Reveille. Rich yellow.

Rosalie. A rich deep rose with underlying tone of topaz or amber. The tube and lip are the same color. The plants are base-branching and produce 6 to 8 huge flowering spikes.

Salmon Pink.

Shasta. Pure white, extra free flowering.

Stoplight. A vivid copper scarlet, both flower and tube being one color.

Yellow Jacket. A clear deep yellow.

		Trade pkt.	Oz.
Each of the above	¼ oz., 75c	$0.25	....
Vaughan's Majus Grandiflorum Mixture. A truly outstanding blend	¼ oz., 70c	.25	$2.40

SUPER MAJESTIC 16 to 20 in.

Orange Shades	¼ oz., $1.00	.35	....
Red Rocket	¼ oz., $1.00	.35	....
Rose Sensation. Richest, most charming shade of pink with just a touch of salmon. The individual flowers are huge, both tube and flower being one solid rose color. Trusses are immense and finely tapered	¼ oz., $1.00	.35	....
Royal Crimson	¼ oz., $1.00	.35	....
Silver Pink	¼ oz., $1.00	.35	....
Vaughan's Super Majestic Mixture. This wonderful mixture contains all of the above varieties plus many other pleasing combinations. An outstanding blend	¼ oz., 80c	.35	....

MAXIMUM OR SUPER GIANTS—2¾ ft.

Individual flowers are large, with heavy flower spikes. Especially recommended for outdoor cutting and flat sales.

Alaska. White.

Campfire. Pure luminous scarlet.

Canary Yellow.

Copper King. Shining copper color.

Crimson. Fiery crimson.

Daffodil. Beautiful two-tone yellow.

Fair Lady. Silver pink, white tube and yellow tip on lip.

Golden Glory. Deepest yellow.

Indian Summer. Coppery rose scarlet.

Loveliness. Pure soft rose-pink.

Pink Sensation. Pure pink, frilled flowers.

Red Cross. Glowing velvet crimson.

Salmon Rose Shades.

Swing Time. Rose-pink.

		Trade pkt.	oz.
Each of the above	⅛ oz., 45c; ¼ oz., 80c	$0.25	$2.80
Vaughan's Maximum Mixture. Contains all of the above in finely proportioned blend	⅛ oz., 45c; ¼ oz., 80c	.25	2.80

Vaughan's Special Mixture. All Rust Proof varieties	¼ oz., 85c	.35	3.00

		Trade pkt.	Oz.
Amaranthus Molten Fire. Fiery crimson and maroon	¼ oz., 35c	$0.15	$1.20
Salicifolius (Fountain Plant). Green with bronze, tops blood-red, showy. 30 in.	¼ oz., 35c	.15	1.20
Tricolor Splendens. Very beautiful foliage. 3 ft.	¼ oz., 35c	.15	1 20
Vaughan's Special Mixture	¼ oz., 35c	.15	1 20
Anagallis Grandiflora Coerulea. Dark blue. 10 in.	¼ oz., 35c	20	1.20
Terra Cotta. Red		.15	.60

ASTER VAUGHAN'S WILT RESISTANT. GIANT BRANCHING AND CREGO TYPES.

Asters

WILT-RESISTANT

Asters have been widely attacked by the Fusarium Wilt, which condition has been overcome in growing the Wilt-Resistant Strains, which, although grown in infected soil, proved immune to the disease. Aster Yellows is also an enemy. This has been found to be transferred to the plants by tiny insects called leaf hoppers, and the only way to overcome this is to grow the plants under a cloth cover.

As the roots of Asters are produced near the surface, a mulch of some kind spread over them in hot weather is very beneficial and will be repaid by fine plants, large blooms, stronger stems, and more profuse blooming.

AURORA

Golden Sheaf, yellow self. A splendid free-flowering aster, with large full flowers, quilled centers and outer band of broad petals. Height, 2 ft. Fine for cutting. Trade pkt., 30c; ¼ oz., 60c; oz., $1.85.

CREGO—2 feet

This flower is giant in size, many blossoms six inches across. The petals are nearly double the length of the older varieties and are twisted and curled into a very fluffy effect. Comes into bloom in August, continuing well into September. A splendid keeper and shipper.

Azure Blue **Crimson** **Lavender** **Violet**
Blue Flame **Deep Rose** **Pink** **White**
Cattleya (Orchid shades) **Purple**

		Trade pkt.	Oz.
Each of the above	¼ oz., 60c	$0.30	$1.85
Crego Mixed, all colors	¼ oz., 50c	.30	1.75

EARLY BEAUTY—2 to 3 feet

Plants of branching habit, commencing to bloom in early September and lasting until destroyed by frost. Flowers large, borne on long and stout stems, from 18 to 24 inches.

Azure Blue **Black Prince (deep marine violet)** **Crimson**
Carmine Rose **Purple**
White **September Beauty**

		Trade pkt.	Oz.
Each of the above	¼ oz., 60c	$0.30	$1.85
Mixed, all colors	¼ oz., 50c	.30	1.75

ASTER Wilt Resistant Crego

ASTER VAUGHAN'S WILT RESISTANT—Continued

EARLY GIANT

The flowers are full petaled with broad, graceful petals, daintily plumed and intertwined, 4 to 5 inches across. Plants 1½ to 2 ft. tall with branches coming low on the central spike. With practically no laterals or side branches. As early as the Royals and with the large flowers of the Crego type.

		Trade pkt.	Oz.
Light Blue	¼ oz., 80c	$0.30	$2.80
Peachblossom. Opens white, flushes lavender pink	¼ oz., 80c	.30	2.80
Rose Marie. Rich lively shade of rose	¼ oz., 80c	.30	2.80
Mixed, three varieties	¼ oz., 70c	.30	2.40

GIANT BRANCHING

Excellent for cut flowers. The branching habit is accompanied by vigor of growth and profusion of bloom. The flowers are large, very double, stems long and colors vivid. 2 to 3 ft.

Crimson	**Pink**	**Sensation (deep red)**
Deep Rose	**Purple**	**White**
Lavender		

		Trade pkt.	Oz.
Each of the above	¼ oz., 60c	$0.30	$1.85
Mixed, all colors	¼ oz., 50c	.30	1.75

QUEEN OF THE MARKET—18 inches

The Standard Early-Flowering Type

Azure Blue	**Crimson**	**Dark Blue**	**Flesh Pink**
Light Blue	**Scarlet**	**White**	**Rose**

		Trade pkt.	Oz.
Each of the above	¼ oz., 60c	$0.30	$1.85
Mixed, all colors	¼ oz., 50c	.30	1.75

THE ROYAL—2 feet. Early-Flowering Branching

This type fills a gap between the Queen of the Market and the Late-Flowering Branching Asters. Sown early inside, and planted out with Queen of the Market, it follows that variety very closely.

Lavender	**Scarlet**
Peachblossom	**Shell Pink**
Purple	**White**
Rose-Pink	

		Trade pkt.	Oz.
Each of the above	¼ oz., 60c	$0.30	$1.85
Mixed, all colors	¼ oz., 50c	.30	1.75

ASTERS Wilt Resistant—Continued

OTHER VARIETIES

Ball White. Early. Selection for resistance has not left this quite so large and fine as the original, but a very excellent white-flowering. Sept. 5-10.

Ball White. Late. Typical American branching type and habit. Fine long stem and size. The best American Branching strain in white, following in flowering season Ball White Early. Sept. 10-15.

Ball Phlox Pink. Fairly light rose-pink, an especially attractive commercial color, with perfect American Branching habit and form. Sept. 5-10.

Ball Deep Rose. Extra bright shade of deep rose with attractively incurved petals, medium size, extra long stem and highly resistant. August 20 - Sept. 1.

Ball Deep Purple. Attractive bright deep purple.

Each of the above 5 varieties, trade pkt., 30c; ¼ oz., 60c; oz., $1.85.

		Trade pkt.	Oz.
California Giant, Purple	¼ oz., 85c	$0.35	$2.80
Giant Mammoth Peony Flowered, Silvery Rose. Immense, fully double flowers resembling the Beauty type, borne on long, stout non-lateral stems. 2½ to 3 ft.	¼ oz, 70c	.35	2.40
Heart of France. Glowing ruby-red	¼ oz., 60c	.30	2.00
King. All colors mixed. Flowers, large and full, needle-like strong petals. August	¼ oz., 50c	.30	1.75

PRINCESS NEW CRESTED

Princess Asters have full crested centers surrounded by several rows of strong guard petals. Flowers are fine keepers. Early and free bloomers.

Princess Anne. Delicate pink turning to rose as they mature.

Princess Bonnie. Beautiful soft salmon rose with a center of rich gold.

Princess Marsha. A strong vibrant cinnabar scarlet, gold center. Each of above ¼ oz., 60c — Trade pkt. $0.30, Oz. $1.85

ASTERS IN MIXTURE

Vaughan's Florists' Mixture. Wilt-Resistant Varieties. Perfectly balanced mixture of best commercial colors	¼ oz., 50c	.30	1.80
Vaughan's Special Mixture of Wilt-Resistant Varieties. This is a mixture of the most beautiful and distinct colors of the tall-growing Asters.	¼ oz., 70c	.30	2.40
Wilt-Resistant Single Giants of California. Mixed, all colors	¼ oz., 50c	.30	1.75
Single Rainbow Mixture. Wilt-Resistant. This might be considered as a midseason variety, growing 24 to 30 inches tall. It has a good sized single Aster flower in a range of colors almost exclusively various shades of blue, meaning light blue, dark blue and even violet, rose and crimson. There is no white in the mixture and no flesh pink. Upright growth	¼ oz., 50c	.30	1.75

STANDARD BRED ASTERS

CALIFORNIA GIANT SUNSHINE

These are the result of a cross between the California Giants and Sunshine, hence the name. Plants of this race grow 3 feet high and bear blossoms on long, stiff stems, admirable for cutting. The individual blooms are enormous, 4 to 5 and 6 inches in diameter.

		Trade pkt.	Oz.
Mixed, all colors	¼ oz., 70c	$0.35	$2.40

CALIFORNIA GIANTS—2½ to 3 feet

They are of vigorous growth and of the Crego, or Ostrich, type of flower. They are partially non-lateral and the blooming season extends from midseason until cut down by frost.

Appleblossom	**Dark Purple**	**Light Purple**
Carmine Rose	**Deep Rose**	**Peachblossom**
Crimson	**Light Blue**	**White**

		Trade pkt.	Oz.
Each of the above	¼ oz., 75c	$0.35	$2.75
Mixed, all colors	¼ oz., 70c	.30	2.50
Extra Early Giant Crego, Navy Blue. First of a race of large flowered, early Asters. While not wilt-resistant, it has fair growth, true and uniform 4 inch flowers on 12 to 20 inch branching plants. Narrow, purplish green foliage and stems.	⅛ oz., 50c; ¼ oz., 85c	.25	2.80
Super Giant Los Angeles. The flowers are large, are most artistic, due to the unusual curling and interlacing of the petals, giving a light feathery effect. The color is a pure shell pink	¼ oz., 85c	.35	2.80
Super Giant El Monte. Companion to above variety and exactly like it except in color, which is a deep glowing crimson. Blooms early and remains in flower over a long period	¼ oz., 85c	.35	2.80

	Trade pkt.	Oz.
Anchusa Capensis, Blue Bird. Vivid indigo, 18 in...	$0.15	$0.60
Aralia Sieboldi. 100 seeds, 35c; 1,000 seeds, $3.00.		
Arctotis Grandis (The African Lilac Daisy). Pure white on upper surface, reverse petals being lilac. Very useful for cutting. 32 in.....¼ oz., 30c	.15	1.00
Breviscapa Aurantiaca. The daisy-like flowers have petals dark orange which turns lighter toward the center, with a purplish disc. 6 in.....¼ oz., $1.00	.35	....
Large Flowering Hybrids. Flowers resemble those of Gerbera. Numerous beautiful colors. 2½ to 3 in. across in shades of apricot, bronze brown, pink, red, scarlet and yellow besides pure white. 1 ft.... .....¼ oz., $1.00	.35	3.50
Asclepias Curassavica. The heads of orange-red flowers, which arise from the axils of the leaves, are freely produced and long lasting..... ¼ oz., 40c.	.25	....

Asparagus

Plumosus Nanus. (Lath House grown.) Carefully harvested, hand-picked, plump, well-matured seed of this is a specialty with us. 100 seeds, 30c; 250 seeds, 55c; 1,000 seeds, $1.80; 5000 seeds, $8.00.

Sprengeri. 100 seeds, 30c; 250 seeds, 55c; 1,000 seeds, $1.80; 5000 seeds, $8.00.

	Trade pkt.	Oz.
Baileya Multiradiata (Desert Sunray). Grayish-green, woolly stems and foliage, and the flower is 1½ in. across, with a fine ruffle of many bright yellow rays, prettily scalloped, and a yellow center, rather deeper in color. 1 ft.....¼ oz., 85c	$0.35	$2.80

Bachelor's Button. See Centaurea Cyanus.

Novelty Begonias

This type is specially desirable for out-door bedding.

	Trade pkt.
Homeran. All these varieties are strong, vigorous, branching early if pinched back and have some of the characteristics of both parents; a fibrous and a tuberous, taking their root system from the fibrous.	
Homeran Crimson. Flowers dark crimson, a little larger than Christmas Cheer, foliage darker green than Homeran Rose. 15 to 18 in.....	$1.00
Homeran Rose. A glorious new rose colored Begonia with extra large flowers, clear Begonia green foliage. 15 to 18 in. .....1/64 oz., $2.50	1.00
Homeran White. Large oval shaped green leaves. Flowers are pure white with the usual yellow center. 12 to 15 in... .....1/64 oz., $2.50	1.00

Begonias—Fibrous-Rooted

These Begonias make excellent spring flowering plants in small pots or for combination use.

Pink Pearl. This variety is not available this year. We suggest **Adeline** as substitute.

Red Pearl. As this variety is not available this year, we recommend **King of the Reds** instead.

	Trade pkt.
Gracilis Adeline (Improved Darling). Very dwarfest habit; bright pink flowers and green foliage, very attractive. Same color and dwarf habit as Pink Pearl.....1/64 oz., $2.50	$1.00
Carmen. Bright rose flowers, bronze foliage..1/64 oz., $2.50	1.00
Dwarf Luminosa. Sold out, suggest **King of the Reds.**	
Fireball. Fiery crimson. 10 in.....1/64 oz., $1.75	1.00
Illusion. Is a masterpiece among the Begonias. Flowers attractive rose with a white blotch on every petal. Early flowering. Does well in sun or shade. Foliage is true Begonia green. 10 to 12 in.....1/64 oz., $2.00	1.00
Indian Maid. 10 in. Bright deep scarlet buds and flowers with deep lustrous bronze foliage.....1/64 oz., $2.50	1.00
Luminosa. Deep dark scarlet foliage reddish brown. 10 in. .....1/32 oz., $4.50; 1/64 oz., $2.50	1.00
Prima Donna. Limpid rose, shading to carmine, most beautiful. 10 to 12 in.....1/64 oz., $2.50; 1/32 oz., $4.50	1.00
White Pearl. White. 10 in.....	1.00

BEGONIA SEMPERFLORENS MASTERPIECE

BEGONIAS—Continued

	Trade pkt.
Christmas Cheer Red. A very large-flowered variety, color dark crimson-scarlet.....1/64 oz., $2.00; 1/32 oz., $3.50	$1.00
Christmas Pink. Identical to above variety only the color is a delightful shade of warm rose-pink,..... ..... 1/64 oz., $2.00; 1/32 oz., $3.50	1.00
Semperflorens Elegance. The plant is of bushy habit, medium tall and most free flowering. The individual flowers are large, pink with white center, foliage clear green .....1/64 oz., $2.50	1.00
Enchantress. Fresh rose color.....1/64 oz., $2.50	1.00
Fire Sea. (Blaze of Fire). Fiery red flowers, green foliage. 8 in.....1/64 oz., $2.25	1.00
Ile de France. The best white. The foliage is light green. The flowers are 1¼ in. to 1½ in., pure white, with bright yellow stamens. They grow in compact form not to exceed 12 in. in height and approximately the same width. Fine for Easter and Mother's Day..... .....1/64 oz., $2.25; 1/32 oz., $4.00	1.00
Kaethe Teicher. The flowers are 2½ in. across. The plants about 10 in. high. The strong dark green foliage forms an effective foil to the pure carmine of the flowers..... .....1/64 oz., $2.25	1.00
King of the Reds. Very dwarf, glowing scarlet, foliage, green edged bronze. Same color and habit of Red Pearl .....1/64 oz., $2.50; 1/32 oz., $4.50	1.00
Masterpiece. One of the largest flowered fibrous rooted Begonias, and the clear rose-pink blossoms have made it a great favorite. The flowers fairly cover the foliage..... .....1/64 oz., $2.20: 1/32 oz., $4.00	1.00
Rose Queen. Abundant carmine rose flowers, like Glore de Lorraine, splendid plant for pots.....	1.00
Salmon Queen. Large salmon red flowers; dark leaved..	1.00
Scandinavia Pink. An outstanding large-flowered pink variety for pots. Plants are of good branching habit with dark green foliage. Excellent for winter flowering .....1/64 oz., $2.75	1.00
Snow. Pure white blossoms; green foliage..... .....1/64 oz., $2.00; 1/32 oz., $3.50	1.00
Special Mixture for pots and bedding begonias..... .....1/64 oz., $1.50; 1/32 oz., $2.50	1.00

	Trade pkt.	Oz.
Bell of Ireland. The bell-shaped 2 in. calyx is green and delicately veined, containing the white corolla. Both curious and beautiful. 2 ft.....¼ oz., 75c	$0.25	$2.40

CALENDULA VAUGHAN'S IMPROVED SENSATION

	Trade pkt.	Oz.
Brachycome Iberidifolia (Swan River Daisy). 12 in. Mixed	$0.20	$1.00
Browallia Elata. Blue, White or Mixed, each	.20	1.00
Viscosa Compacta Sapphire. Dark blue, white eye, dwarf compact plant for pots and bedding ... 1/16 oz., $1.00; 1/8 oz., $1.80	.35	....

Cactus Seed

Cacti can easily be grown from seed, and are becoming increasingly popular in the retail trade.

	100 Seeds	1000 Seeds
Cephalocereus Senilis (Old Man Cactus)	$0.75	....
Cereus Grandiflorus (Queen of the Night)	1.50	....
Opuntia (Fig-cacti). Mixed	.50	....
Opuntia. Hardy Mixed ... 1/4 oz., 45c; tr. pkt., 25c; oz., $1.40	....	....
Cacti. All kinds and forms, mixed	.35	$3.00

California Poppy. See Escholtzia.

	Trade pkt.	Oz.
Calandrinia Umbellata Amaranth. Crimson violet. 6 in. ... 1/4 oz., 80c	$0.25	$2.80

Calendula

BEDDING VARIETIES

Giant Glowing Gold. 2½ ft. Flowers are fully double, 4 in. across, with loose and fluffy petals. Long, wiry stems ... 1/4 oz., 60c	.40	2.00
Orange Beauty. 2 ft. Blooms are 3½ in. and more across of curved loose petal formation on long stems. The color is bright, deep orange slightly suffused with yellow at the base of the florets, the inner petals gracefully curling in ... 1/4 oz., 60c	.40	2.00
Orange Fluffy. 2 ft. Bright orange-yellow, intensified by a jet-black eye. Flowers 3½ inch. semi-double ... 1/4 oz., 60c	.40	2.00
Orange King. Select stock. Dark center. The outer petals are slightly imbricated, while those of the center are curved like those of the peony ... 1/4 oz., 25c	.15	.85
Pastel Bedding Mixed. Charming assortment of art shades ... 1/4 oz., 50c	.30	1.60

CALENDULA Bedding—Continued

	Trade pkt.	Oz.
Radio. The flowers are medium size, good depth and clear orange. The petals are quilled ... 1/4 oz., 25c	$0.15	$0.85
Shaggy Orange. The petals are long and deeply laciniated, orange with darker center ... 1/4 oz., 25c	.15	.85
Sunshine or Chrysantha. Petals long, broad and drooping. Buttercup yellow ... 1/4 oz., 25c	.15	.85
Yellow Colossal. The well formed, bushy plants grow 18 in. high. Flowers are extremely double, 4½ in. and more across and of a clear, bright yellow ... 1/4 oz., 60c	.40	2.00
Vaughan's Special Mixture of bedding varieties ... 1/4 oz., 30c	.20	1.00

FORCING VARIETIES

Sensation, Vaughan's Improved (Campfire). Long stems; very double, brilliant-orange flowers. The blooms are very flat in shape .. 2 oz., $3.50; 1/4 oz., 60c	.40	2.00
Ball Apricot. Light straw or buff color with dark center ... 2 oz., $3.50; 1/4 oz. 60c	.40	2.00
Ball Gold. Has the same long stem and extra large, uniformly double flowers that are so well known in our Ball Orange Improved .. 1/4 oz., 60c; 2 oz., $3.50	.40	2.00
Ball Lemon Queen ... 1/4 oz., 60c; 2 oz., $3.50	.40	2.00
Ball Improved Long Orange. Attractive bright golden orange with light eye; a clearer lighter color than the regular Long Orange ... 1/4 oz., 60c; 2 oz., $3.50	.40	2.00
Ball Long Orange. Long-stemmed, light center, clear orange ... 1/4 oz., 60c; 2 oz., $3.50	.40	2.00
Ball's Orange Improved. Rich orange, light center. Petals slightly notched ... 1/4 oz., 60c; 2 oz., $3.50	.40	2.00
Ball Masterpiece. Extra long-stemmed, deep orange-brown center ... 1/4 oz., 60c; 2 oz., $3.50	.40	2.00
Ball White (Moonlight). A beautiful soft cream yellow ... 1/4 oz., 60c	.40	2.00
Vaughan's Special Mixture for greenhouse forcing ... 1/4 oz., 50c	.35	1.50

Calceolaria Hybrida

Hybrida Dobbie's Perfection. One of the finest strains in cultivation. Flowers rich and varied in color, beautifully spotted and blotched, and of fine form and substance; habit dwarf, compact, and very free flowering	1.00	....
Hybrida Grandiflora Triumph Strain. A truly outstanding strain. Bright shades of yellow, orange, red and rose; the flowers are large and mostly tigered or spotted. This strain produces bushy, shapely plants with clean foliage ... 1/64 oz., $8.00	1.25	....
Hybrida Grandiflora Mixed. Extra Choice. Our mixture is composed of the choicest selections of the tigered, marbled, spotted and variegated varieties ... 1/32 oz., $4.40; 1/64 oz., $2.40	1.00	....
Hybrida Multiflora Nana. Mixed. The average size of the blooms is only 1½ inches, but the amount of flowers produced is unsurpassed. The color scheme is extraordinarily gay and full of contrast. Pinch out center to make well shaped bushy stock ... 1/128 oz., $2.00; 1/64 oz., $3.80	1.00	....
Gilbert's Strain. A selection made by a grower in our midwest. Bright colors	1.00	....
Albert Kent Hybrids. A very lovely variety. The flowers are intermediate in size and produced in large graceful clusters in delicate shades	1.00	....
Grandiflora, "Flower Cloud." The most free blooming Calceolaria, in all colors. Of a very vigorous growth and resistant against weather influences. Small flowers in shades of yellow, orange and bronze.	1.50	....

Annual Canterbury Bells

Blooms from seed in less than six months. The plant grows from two to two and a half feet tall, each plant having from six to eight spikes of blooms.

	Trade pkt.	Oz.
Mixed, All Colors ... 1/4 oz., 25c	$0.15	$0.80

CANDYTUFT Giant Hyacinth-Flowered White

Candytuft

	Trade pkt.	Oz.
Giant Hyacinth-Flowered. Select, Pure White. This is a superior strain; it grows about 1½ feet high, with enormous trusses of blooms. The best strain in existence for florists' use. Sow early in January for Mothers' day.....4 oz., $2.60; lb., $8.00	$0.20	$0.80
Miniature Gem. A miniature hyacinth-flowered Candytuft about 3½ inches high, each plant producing four to six spikes of pure white flowers. A fine combination pot plant item.....¼ oz., 25c	.15	.80
Umbellata Carminea. Carmine. 12 in.....	.15	.80
Alba. White. 12 in.....lb.,$4.80	.15	.50
Flesh-Pink. 12 in.....lb., 4.80	.15	.50
Lilacina. Lilac. 12 in.....lb., 4.80	.15	.50
Purpurea. Crimson. 12 in.....lb., 4.80	.15	.50
Rose Cardinal. Rose-pink. 12 in.....lb., 4.80	.15	.50
Vaughan's Special Mixed.....lb., 4.80	.15	.50
Dwarf Mixed. For pots or combination baskets...	.15	.60
Crimson. Rich reddish purple.....	.15	.60
Lilac.....	.15	.60
Rosea.....	.15	.60
White.....	.15	.60

For Gibraltarica, Queen of Italy and Sempervirens, see Perennial Pages.

Calliopsis

	Trade pkt.	Oz.
Tall All-Double Mixed. 3 ft. high. The best strain of double flowering Calliopsis. Flowers are semi-double and double, 1 to 1½ inches across, borne on long graceful stems.....¼ oz., 25c	$0.15	$0.80
Coronata Maxima (Crown of Gold). Bright yellow. 20 in.....	.15	.60
Drummondi (Golden Crown). Rich golden yellow with a shining maroon central zone.....	.15	.60
Semi-Double Gold Crest. A rich golden yellow color with a reddish brown zone. Flowers are 2½ to 3 inches across and come with a double row of mammoth petals.....	.15	.60
Vaughan's Special Mixture.....	.15	.60
Dwarf Mixed.....	.15	.40
Dazzler. Dwarf variety. Dark red flowers edged deep golden yellow.....	.15	.60

Fragrant Double Carnations of the Enfant de Nice type can be grown in five months from seed

Carnation

Vaughan's Early and Perpetual-Flowering

Plants bloom in about five months from sowing and continue to bloom until the end of summer. The flowers are very double, of large size and clove scented. The calyx does not split. They are borne on stiff stems 15 to 18 inches high. Our strain will produce 90% double flowers and comes true to color.

				Trade pkt.	Oz.
Deep Rose	Rose-Pink	White			
Flesh-Pink	Salmon-Rose	Yellow			
Maroon	Scarlet				
Each of above.....			¼ oz., 90c	$0.35	$3.20
Vaughan's Early and Perpetual-Flowering, mixed			¼ oz., 90c	.35	3.20

Enfant de Nice

They are of compact growth with extremely stiff stems bearing flowers which are up to 2¼ to 2¾ inches in diameter without disbudding the plants. The colors come about 75% true from seeds and give about 90% of plants with double flowers.

				Trade pkt.	Oz.
White	Rose				
Salmon	Red				
Each of above.....			⅛ oz., $2.00	$0.50	....
Mixed, from varieties noted above.....			⅛ oz., $1.50; ¼ oz., $2.75	.50	$9.00
Giant Margaret Mixed, 20 in.....			¼ oz., 65c	.25	2.20
Malmaison J. M. Bridgeford. Of sturdy habit, upright growing plant bearing large flowers. 3½ to 4 inches across, all being of equal size. The chief merit lies in the extensive color range. Some 25 different colors have been counted.....			⅛ oz., $1.10; ¼ oz., $2.00	.50	....
Teicher bi-annual mixed. Produces extraordinary large blooms in a fine range of colors; excellent for cutting.....			⅛ oz., $2.50	.75	....
Super Giant Mixed. A strain similar in habit and earliness to Chabaud Giant Improved but with extra large flowers. The flowers are at least one-third larger than Chabaud Giants. Very double and strongly clove scented.....			¼ oz., $1.65	.50	6.00
Vaughan's Special Mixture. A mixture of Enfant de Nice, and Giant Margaret Mixed Vaughan's Early and Perpetual Flowering.....			⅛ oz., $1.00	.50	....

For other Carnations, see Perennial Pages.

Celosia

		Trade pkt.	Oz.
Childsii (Chinese Wool Flower)			
Crimson. Deep Rose. Yellow. 2 ft. Each, ¼ oz., 50c		$0.25	$1.75
Mixed. The above colors	¼ oz., 50c	.25	1.75
Cristata (Cockscomb)			
Tall, Crimson	¼ oz., 50c	.25	....
Giant Crimson Glory. Brilliant heads of cherry red which appear deeper at a distance. They look almost blood red under artificial light. In bright sunlight the hairs on the plush-like heads make them appear to be overlaid with silver. Practically free of the branching habit. Average heads 8 in. to 10 in. by 5 in. Grow about 14 to 18 in. in height, have shining bright green leaves and a red tinged stalk	⅛ oz., $1.00	.50	....
Gilbert's Maple Gold. The blooms are the crested type. The color is an attractive pink tipped yellow but may vary somewhat. Plant grows about 30-36 in. tall with 8-12 heads normally, more if center is pinched	(300 seeds).	.50	....
Royal Velvet. Produces a large center head and numerous large, long-stemmed cockscombs of richest crimson, on basal branches. The foliage is bronzy green with reddish margins. 2 ft.	¼ oz., 80c	.25	3.00
Tall Sorts, Mixed	¼ oz., 25c	.15	.80
Nana Aurea. Dwarf, dark golden. 12 in.	¼ oz., 60c	.25	2.25
Empress. Crimson combs, dark foliage	¼ oz. 60c	.25	2.25
President Thiers. Dark crimson. 12 in.	¼ oz., 80c	.25	....
Rosea. Dwarf. Dark rose combs. 12 in.	¼ oz., 60c	.25	2.25
Dwarf Sorts. Extra choice mixed	¼ oz., 60c	.25	2.25
Miracle Cockscomb, Mixed. Grows 2-3 ft. high without branches, terminated with remarkable cockscombs of enormous size		.50	....
Plumosa (Ostrich Feather)			
Crimson	¼ oz., 50c	.25	1.80
Orange	¼ oz., 50c	.25	1.80
Scarlet	¼ oz., 50c	.25	1.80
Parrot's Feather, Mixed	⅛ oz., $1.00	.35	....
Pride of Castle Gould, Mixed	¼ oz., 50c	.25	1.80
Pyramidalis Flame of Fire. 18-20 in. Perfect pyramidal habit with head and many side branches of a lush green. The branches terminate in circular feathery combs of fiery scarlet.	¼ oz., $1.50; ⅛ oz., 80c	.35	....
Lilliput Dwarf Fire Feather. This dwarf strain is excellent for pots and combinations. 12 in.	⅛ oz., 65c; ¼ oz., $1.25	.25	4.00
Orange Feather. Golden orange. 15 in.	⅛ oz., 65c	.25	....
Mixed	¼ oz., $1.25; ⅛ oz., 65c	.25	4.00
Thompsoni Magnifica, Mixed	¼ oz., 60c	.25	2.00
Spicata. 3 ft. Branching freely, each stem terminating in a round, slender, pointed spike of bloom. The flowers at first are a soft bright rose, changing to silver-white	¼ oz., 35c	.20	....

CELOSIA, PYRAMIDALIS. FLAME OF FIRE
Trade pkt., 35c.

CENTAUREA Cyanus Super Giant Double Mixture

Centaurea

SUPER GIANT CENTAUREA CYANUS (Cornflower)

The flowers of these strains are large, fully double and colors intensified. Long stems for cutting.

May be sown out of doors just before freezing for early spring blooming.

Black Boy. Blackish maroon.
Blue Boy. Rich deep blue, very large flowers.
Pinkie. Deep pink.
Red Boy. Deep red.
Snowman. Best white.
Vaughan's Mixture of Super Giant New Varieties Mixed.
Each of above, Trade pkt., 15c; oz., 45c; 4 oz., $1.45; lb., $4.50

		Trade pkt.	Oz.
Centaurea Cyanus. Jubilee Gem. Dwarf blue, 12 in.	¼ oz., 35c	$0.20	$1.00
Americana (Basket Flower). Lilac, 4 ft.	lb., $6.00	.15	.60
Alba. White. 4 ft. Fine cut flower	lb., 6.00	.15	.60
Imperialis (Giant Sweet Sultan). 32 in. Deep Lavender. Brilliant Rose. Pure white. Each of the above		.15	.60
Mixed Colors		.15	.60
Suaveolens. Canary-yellow, 2 ft.	¼ oz., 40c	.25	1.20
Vaughan's Special Mixture. Includes all the annual Centaurea sorts		.15	.60
Candidissima (Dusty Miller). White leaved for bedding. 6 in.	¼ oz., $1.00	.35	3.50
Gymnocarpa. Fine cut leaved variety with silvery foliage. 24 in.	lb., $6.00	.15	.60

See also Perennial Pages.

Cephalophyllum Acutum. Growing about 6 inches high, it produces attractive ray flowers of a rich violet blue with pretty centers. The thick fleshy plant growth makes an attractive house plant even when not in flower	1000 seeds, $12.00; 100 seeds, $1.50	...	....
Cardinal Climber	¼ oz., 55c	.25	2.00

CHRYSANTHEMUM Vaughan's Rainbow Mixed

Chrysanthemum

Chrysanthemums provide long stemmed cut flowers which are useful to a florist. The annual varieties, especially the Carinatum and Segetum, are probably most generally used. They are easily grown from seed, coming into flower early. Attractive colors both for inside or outside growing.

	Trade pkt.	Oz.
Carinatum Vaughan's Rainbow Mixture. A surprising blend of entirely new shades and color combinations in Annual Chrysanthemums. The very free flowering 2 feet high plants are early blooming, coming into flower 2 months from the time of sowing; from June until September they give a truly amazing display.....¼ oz., 60c	$0.30	$2.00
Carinatum, Burridgeanum. White, crimson zone...	.15	.40
Eclipse (Chameleon). Brown and yellow. 20 in..	.15	.40
Northern Star. Giant white flowers with light yellow center and black disc, 20 in.....	.15	.40
Purpureum (W. E. Gladstone). Deep purple with yellow ring, 20 in.....	.15	.40
The Sultan Dark copper, yellow ring, 20 in....	.15	.40
Single Mixed.....	.15	.40
Frutescens (Paris Daisy). White, 30 in. ¼ oz., 50c	.25	....
Goldwings. 3 ft. Large daisy flowers with long feathery petals of gleaming yellow. A mass of flowers all season.....¼ oz., 50c	.25	....
Inodorum Plenissimum. Bridal Robe. Pure white, extra double, compact, fine foliage, 20 in. ⅛ oz., 50c	.25	....
Segetum Eastern Star. Light yellow with dark center and yellow ring, 20 in.....	.15	40
Eldorado. Bright yellow, dark brown disc.....	.15	.40
Gloria (Morning Star). Primrose flowers, 20 in..	.15	.40
Vaughan's Double and Single Mixed, annual sorts.	.15	.60

See also Perennial Pages.

Cineraria Maritima Candidissima (Dusty Miller).....¼ oz., 25c	.15	.90

This variety of "Dusty Miller" is preferred by the staff of the Garfield Park, Chicago, Illinois as they have found these plants do not rot as the Centaurea Candidissima is apt to.

Maritima Diamond. Leaves pure white..¼ oz., 25c	.15	.90

Cineraria Hybrida

	Trade pkt.	Oz.
Vaughan's Columbian Mixture. Contains the best large flowering types and colors as well as Cremer's, Potsdam, Siter's and Gold Center strains and cannot be excelled in variety of colors, size, shape and substance of flowers and perfect habit of plant. 1/64 oz., $1.75; 1/32 oz, $3.00; 1/16 oz., $5.50 .....1000 seeds	$1.00	....
Cremer's Prize Mixture. Re-selected. Somewhat taller and larger flowered than Multiflora Nana .....1/64 oz., $2.20; 1/16 oz., $7.50; 1/32 oz., $4.00	1.50	....
Cremer's Improved Prize Strain. Originator's Packet.	1.50	....
Howard and Smith's Strain. Mixed. A very fine selection from a California specialist. 1/64 oz., $2.50	1.00	....
Vaughan's Special Mixture of Cremer's, Siter's and Gold Center.....1/64 oz., $2.00; 1/32 oz., $3.75	1.00	....
Multiflora Nana. Mixed, all colors,..... .....1/64 oz., $1.60; 1/32 oz., $2.80;	1.00	....
Potsdam Strain. Mixed (Berlin Market or Weissensee). American grown seed. The plants are taller and flowers larger than Cremer's..... .....1/64 oz., $1.75; 1/32 oz., $3.00	1.00	....
Siter's Rainbow Strain. Mixed. Immense flower heads of medium large flowers ranging from bright eyed types to finer pastel shades. Compact growth with small leaves. Earlier than Cremer's .....1/32 oz., $4.50; 1/64 oz., $2.50	2.00	....
Siter's Rainbow Mix originators strain.....	2.00	....
Star Cineraria (Cineraria Hybrida Polyantha). Feltham Beauty. Fine small flowering variety for cutting and decorative purposes, nearly all have white centers. 2 ft.....1000 seeds	.75	....

CINERARIA "GOLD CENTER" OF THE MULTIFLORA NANA TYPE

We were the introducer of this magnificent strain several years ago. It is distinguished by the golden yellow stamens—in the type they are dark. The flowers are produced in great profusion, are of the same size and color range as the Multiflora Nana. The golden yellow stamens make a wonderful contrast with the blues, reds and pinks of the flowers.

1/32 oz., $3.50; 1/64 oz., $2.00; 500 seeds, 60c; 1000 seeds, $1.00.

CINERARIA Multiflora Nana Gold Center

Clarkia Elegans Fl. Pl.

This is now much planted for cutting, both in and outdoors. If grown indoors, plants must be starved. Sow in January, grow on in flats or shallow raised bench. 2 ft.

Albatross. Pure white.
Brilliant Bright salmon.
Firebrand. Brilliant copper scarlet.
Illumination. Orange and rose.
LaFrance. Salmon pink.
Orange King. Orange scarlet.
Purple Prince. Rich purple.
Rosy Morn. Beautiful rose.
Salmonea Perfecta. True salmon.
Scarlet Queen.
Vaughan's Special Mixture.

Each of the above: Trade pkt., 15c; ¼ oz., 30c; oz., $1.00.

	Trade pkt.	Oz.
Cleome Pungens (Spider Plant). Giant Pink Queen. A tall and attractive border plant, with huge heads of delightful and refreshing pink. Reaches over 4 feet, well branched, airy foliage, blooming from June until frost.....¼ oz., 50c	$0.30	$1.80
Clianthus Dampieri (Glory Pea of Australia) dark red and black, 24 in.....	.35	....
Clitoria Ternatea. Graceful vine covered with hundreds of fan shaped deep blue flowers with soft yellow throats.....¼ oz., $1.20	.35	....
Cobaea Scandens. Purple.....¼ oz., 30c	.15	1.00
Cockscomb. See Celosia.		
Coix Lachrymae. Corn Beads, Job's Tears. lb., $2.60	.10	.25
Coleus Glory. A mixture of bronze, pink, apricot shades, cream, etc. A remarkably fine strain; it is unequalled for the beautiful form and coloring of its large leaves. Make splendid pot plants. Sow seed January 1st for Memorial Day plants.	1.00	....
Extra Choice, large-leaved, mixed.....	1.00	....
Vaughan's Rainbow Mixture. The above and others.	1.00	....
Corn. Calico or Indian Squaw. Multi-colored kernels ..... lb., $1.00	....	.15
Strawberry Corn. While this is really a "Pop Corn" and a very good one at that, its charm is in its attractive effect of the tiny ears which are only 2 in. long and 1½ in. wide and are a rich and shiny mahogany color, not unlike a gigantic strawberry. They are enclosed in straw-colored husks which may be bent back showing the ear. These stalks sold on Chicago Market at 10c each. See illustration in color on inside front cover.....¼ lb. $1.00; 1 lb., $3.60	....	.30
Convolvulus Major (Morning Glory). Mixed.....¼ lb., 50c	....	.15
Crimson Rambler. Bright ruby red.... ¼ oz., 25c	.15	.80
Dwarf Royal Ensign. Is deep bright ultramarine blue; the deepest and brightest color of all blue annuals. The plants are fairly covered with their attractive blossoms all summer. Use for edging and borders.....¼ oz., 60c	.25	2.00

Cosmos

Sensation Mixed. Very early giant flowered type. Plants grow 4 to 6 feet. Flowers are quite large, 4 to 6 inches across, with broad fluted petals which slightly overlap. Colors pink and white. For exhibition flowers, leave plants 3 to 4 ft. apart and disbud.....¼ oz., 35c	.20	1.20
Dazzler. Crimson.....¼ oz., 50c	.20	1.60
Pink Sensation.....¼ oz., 35c	.20	1.20
White Sensation.....¼ oz., 35c	.20	1.20
Double Early-Flowering. Pink, White or Red. They come about 75 percent double.....¼ oz., 60c	.30	2.00
Double Early Flowering. Mixed.....¼ oz., 60c	.30	2.00
Orange Flare. Early flowering deep orange. ¼ oz., 25c	.15	.80
Semi Double Orange Ruffles. Vivid and intense golden orange, the two or three extra rows of petals lend an airy butterfly-like beauty to the richly colored large blossoms. Extremely free blooming,.....¼ oz., 30c	.15	1.00
Yellow Flare. 3-4 ft. Similar to the original Orange Flare, except its color is a very rich and compelling butter yellow.....¼ oz., 25c	.15	.80

	Trade pkt.	Oz.
Cuphea Firefly. This is a semi-dwarf, compact growing annual about 12 inches in height. The flowers are freely produced, a deep rosy scarlet color, deepening to almost purple at the center. The plants flower in about five months.....⅛ oz., 60c; ¼ oz., $1.00	$0.25	....
Avalon Hybrids. Curiously attractive, irregularly fashioned blossoms in season-long profusion, the compactly foliaged plants with flowers of lavender, lilac, pure pink, rose-purple, crimson, fire-scarlet and vermilion, with all intermediate shades.....1/16 oz., 60c; ⅛ oz., $1.00	.25	....
Cordyline. See Dracaena.		
Coreopsis. See Perennial Pages.		
Cornflower. See Centaurea Cyanus.		
Cynoglossum Blue Bird (Improved Chinese Forget-me-not). A lovely plant 18 to 24 inches tall with flowers of a rich, bright blue. May be grown either outside or under glass.....¼ oz., 30c	.15	$1.00
Fairy Blue. Deep Cambridge or azure blue.....¼ oz., 25c	.15	.80
Firmament. A dwarf type of the Chinese Forget-me-not. 15 to 18 in. tall, bushy, of a rich blue color, a popular color in the garden. It can also be used as a cut flower. ¼ oz., 30c	.15	1.00
Pink.....¼ oz., 30c	.15	1.00
Cyperus Alternifolius (Umbrella Plant).....	.35	....

COSMOS Sensation Mixed

Cyclamen—Persicum Giganteum

☞ **Our Cyclamen seed has been grown by experienced American growers who have specialized in this item for years.**

Cyclamen prices are net. 250 seeds of one variety at 1000 rate, less than 250 seeds of one variety at 100 rate.

	100 Seeds	1000 Seeds
Bonfire. Brilliant salmon	$2.25	$20.00
Bright Red	1.75	16.00
Dark Blood Red	1.75	16.00
Lavender	1.75	16.00
Morning Red (Sunrise). Light salmon, dark eye	2.20	18.00
New Ruffled, Mixed	2.30	21.00
Orange Beauty. Orange vermilion	2.30	21.00
Pink Pearl. Salmon-pink	2.30	.....
Pure Rose	1.75	16.00
Pure White	1.75	16.00
Rokoko Mixed	2.40	20.00
Saffron Red	2.20	18.00
Salmon Scarlet (America Improved)	2.30	21.00
Salmon-Rose Improved	2.25	20.00
Salmon Dark (Glory of Wandsbek or Pearl of Zehlendorf)	2.20	18.00
Salmon Light (Rose of Zehlendorf)	2.20	18.00
Soft Rose with Carmine Eye (Improved Rosa von Marienthal)	1.75	16.00
White with Carmine Eye	1.75	16.00
Vaughan's Florist Mixture	1.75	15.00

Double Cyclamen

This strain comes about 80% true from seed.
Admiration. A beautiful salmon-rose with shaded eye.
Cerise Brilliant. A good Christmas red.
Prosperity. An azalea type, flaming rose color.
Rosea. A soft rose with a coral cast, shading lighter at petal tips.
Double Mixed. The four above.

Each of the above, 100 seeds, $3.50; 250 seeds, $7.00; 500 seeds, $13.00.

Type of Our Cyclamen Persicum Giganteum

DAHLIA Unwin's Dwarf Hybrids XXX Strain.
A Splendid Pot Plant Item for Mothers' Day.

Dahlia

These are easily grown from seed and will bloom first year if sown early.

UNWIN'S DWARF HYBRIDS

(XXX Strain)

Seeds sown in March, plants will be in bloom by the end of June. Graceful semi-double flowers in a wide range of colors. If tubers are divided and potted in February (start in a cool house), they make fine plants for Mothers' Day. Trade pkt., 25c; ¼ oz., 65c; oz., $2.20; 4 oz., $6.50.

		Trade pkt.	Oz
Single Coltness Hybrids, mixed. 1 ft.	¼ oz., 50c	$0.25	$1 60
Scarlet. Bright scarlet	¼ oz., 60c	.25	2.00
Yellow		.50	....
Single Giant Perfection Mixed. 4 ft. The plants are of strong, robust habit, and produce in great abundance flowers of immense size, of the most bewildering variety of color	¼ oz., 60c	.25	2.00
Zulu. Dwarf double, dark leaved, mixed		.35	....
Datura Fastuosa Double White. 40 in.	¼ oz., 40c	.25	1.40
Didiscus Coeruleus, Lavender Lace Flower, blue. 2 ft.	¼ oz., 35c	.20	1.20
Vaughan's Improved Wilt-Resistant Blue Lace Flower. An improved variety with flowers of a deeper blue and half again as large. Strong heavy stems, many measuring 18 inches from first joint, with well shaped flowers measuring 2½ to 3½ inches in diameter. Plant in pots to follow "mums" or sow direct in beds, thinning to about 6 in. in rows a foot apart; does not transplant well. Not over Carnation temperature needed	⅛ oz., $1.00; ¼ oz., $1.75	.50	6.00

Cyclamen flowers keep well when cut, if you make an incision lengthwise into the lower part of the stem with a sharp knife and put flower stems immediately into water.

DIANTHUS Vaughan's Special Double Mixed

FREESIAS Golden Daffodil

HUNNEMANNIA Sunlite

Dianthus — Annual Pinks

		Trade pkt.	Oz.
Chinese Double Mixed	½ oz., 60c	$0.20	$1.00
Heddewigii fl. pl. Fireball. Double, brilliant dark scarlet	¼ oz., 40c	.20	1.40
Single Mixed		.20	.70
Double Mixed	¼ oz., 40c	.20	1.40
Gaiety. Very large, showy fringed flowers; wide range of lovely colors, pure white to crimson	¼ oz., 70c	.35	2.40
Laciniatus Splendens. The flowers are very large, a brilliant shade of crimson, with a large boldly contrasting glistening white eye. 1 ft.	¼ oz., 35c	.20	1.20
Salmoneus. Single, salmony scarlet, 8 in	¼ oz., 35c	.20	1.20
Fl. pl. Double salmon	¼ oz., 70c	.35	2.40
Snowball. Double white	¼ oz., 35c	.20	1.20
Vaughan's Special Mixed, Double and Single Pinks	½ oz., 60c	.20	1.00
Vaughan's Special Mixture, Single Pinks	½ oz., 60c	.20	1.00
Vaughan's Special Mixture, Double Pinks	½ oz., 60c	.20	1.00

Sweet Wivelsfield

A hardy annual of wonderful colorings. The flowers are larger than Sweet William and borne in trusses. This perpetual-flowering Dianthus has won wide popularity both as a cut flower of lasting quality and as a bedding plant.

		Trade pkt.	Oz.
Single Mixed	¼ oz., 35c	$0.20	$1.20
Double Mixed	¼ oz., 60c	.25	2.20

Barbatus. See Perennial Pages.

Plumarius. See Perennial Pages.

Digitalis. See Perennial Pages.

Dimorphotheca Aurantiaca (Orange Daisy). Glossy golden orange flowers. 12 in.	¼ oz., 40c	.20	1.40
Aurantiaca, New Hybrids	¼ oz., 30c	.20	1.00
Ecklonis. White, dark blue center	¼ oz., 60c	.25	2.20
Golden West. Yellow orange center	¼ oz., 60c	.20	2.00
Salmon Beauty. Soft salmon pink	¼ oz., 40c	.25	1.40
Dolichos Lignosus, Australian Pea Vine. Purple		.20	1.00
Dracaena Indivisa. Narrow-leaved	lb., $5.00	.15	.50
Dracocephalum Ruyschianum. Dark blue. 1 ft.		.25	....
Dusty Miller. See Centaurea and Cineraria.			
Echium Blue Bedder. Dwarf rather compact plants about 1 ft. tall. Purplish blue flowers. Blooms in six weeks from sowing until frost		.25	....
Euphorbia Heterophylla (Mexican Fire Plant). 3 ft.	¼ oz., 30c	.15	1.00
Variegata (Snow-on-the-Mountain). Foliage edged white and green. 2 ft	lb., $5.00	.15	.50

Escholtzia

		Trade pkt.	Oz.
California, Dwarf Erecta. 1 ft.			
Ramona. Golden bronze, coppery rose outside. A compact flower, beautifully frilled and curled	¼ oz., 45c	$0.15	$1.40
California, Spreading Varieties. 1 ft.			
Aurantiaca. Orange		.15	.60
Golden West. Yellow-orange center		.15	.60
Mandarin. Inside petals orange, outside scarlet		.15	.60
Vaughan's Special Mixture	½ oz., 45c	.20	.80
Hunnemannia (Bush Escholtzia). Yellow. 18 in.		.15	.60
Sunlite. Double bright canary colored flowers. Grey green foliage	¼ oz., 50c	.25	1.60

Everlasting Flowers. Annual. See Acroclinium, Helichrysum, Xeranthemum, Gomphrena and Statice.

Perennials. See Echinops, Eryngium, Gypsophila, Lunaria, Physalis and Statice.

Felicia. Rotundifolia 6 in. × Bright yellow discs are surrounded with ray florets of a fine forget-me-not blue ..... .50 ....

Fern Spores

Adiantum Cuneatum
Adiantum Hybridum
Adiantum Hispidulum
Adiantum Wrightii
Cibotium Schiedei
Aspidium tsussemense
Cyrtomium falcatum
Cyrtomium Rochfordianum (Holly Fern)
Cyrtomium Rochfordianum compactum
Pteris albo-lineata
Pteris serrulata
Pteris serrulata cristata
Pteris tremula
Pteris Wilsonii
Pteris Wimsettii
Pteris Wimsettii multiceps
Pteris Rivertoniana

Any of the above, per trade packet, $1.25.

Feverfew. See Matricaria and Pyrethrum.

Forget-Me-Not. See Perennial Pages.

Foxglove (Digitalis). See Perennial Pages.

Freesias

Sow seed in cold frame the middle of May, covering with sash for about three weeks or until plants are up, gradually removing sash so plants become accustomed to air. The bulbs can be lifted by the middle of September. They will bloom in January with nice large blooms and long stems. 1 oz. contains about 1000 seeds.

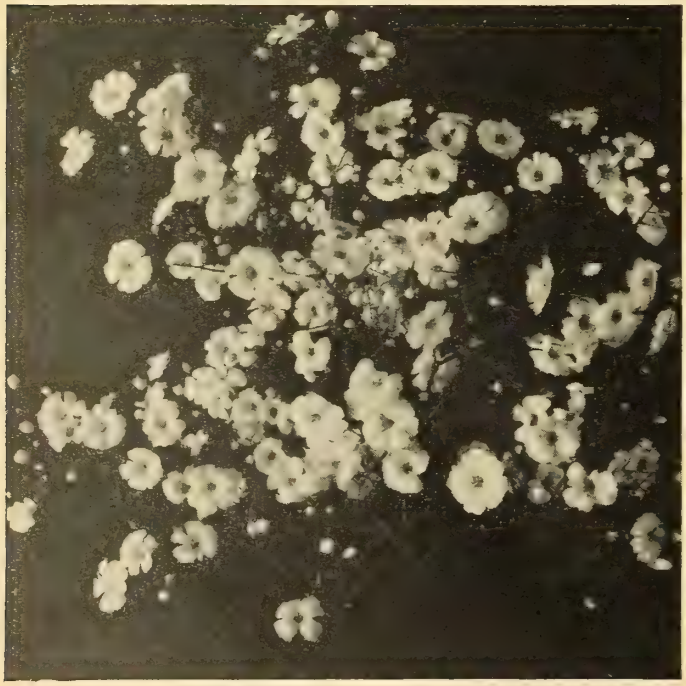
		Trade pkt.	Oz.
Freesia Refracta Alba Pura. Pure white.	¼ oz., $1.25	$0.50	$4.00
Hybrida Dalrymple Special Strain. Large sweet-scented flowers borne on long stems, in blue, lavender and many shades of yellow. The best strain available	100 seeds, $1.00; 1000 seeds, $8.00		
Rainbow hybrids. Colored varieties	¼ oz., 80c	.35	3.00
Golden Daffodil. Clear light yellow with orange blotch	¼ oz., $1.25	.50	4.00

	Trade pkt.	Oz.
Gaillardia Lorenziana. Double mixed, 20 in. ..... ¼ oz., 30c	$0.15	$1.00
Sunshine. Harmonious blending of giant annual Gaillardias, ranging from almost self red with but slight, though sharply contrasting yellow tipping, to less and less red until some flowers are a pure self yellow. Fully double blooms, 2½ to 3 in. across on stiff stems. 2½ ft. tall..... ¼ oz., 65c	.25	2.20
Garden Heliotrope. See Valeriana, Perennial Pages.		
Gazania. Splendens Hybrida Grandiflora. Mixed. ..... ⅛ oz., 65c; ¼ oz., $1.20	.30	....
Geranium Zonale Newest Large Flowering Flowerland Strain. Improved single large-flowered seed saved from name varieties. Include seed of Fiat, White Beauty, Alice of Vincennes, Madam Kovelesky and others which will provide a wide range of colors. This seed will germinate irregularly in from 14 days to two months. The plants may be lifted as they reach suitable size, but the seed box should not be disturbed until germination has ceased. ⅛ oz., $1.00	.50	....
Gilia Capitata Reselected Blue (Blue Thimble Flower). Fine feathery foliage; attractive ball-shaped flowers, 1 in. in diameter. 2 ft.....	.15	.60
Globe Amaranth Mixed (Gomphrena). Fine everlasting that can be used for fresh cut flowers and winter bouquets..... ¼ oz., 30c	.15	1.00
Globosa Rubra (red-purple)..... ¼ oz., 30c	.15	1.00
Orange (Haageana). Flower looks like a ripe strawberry; a fine everlasting..... ¼ oz., 30c	.15	1.00

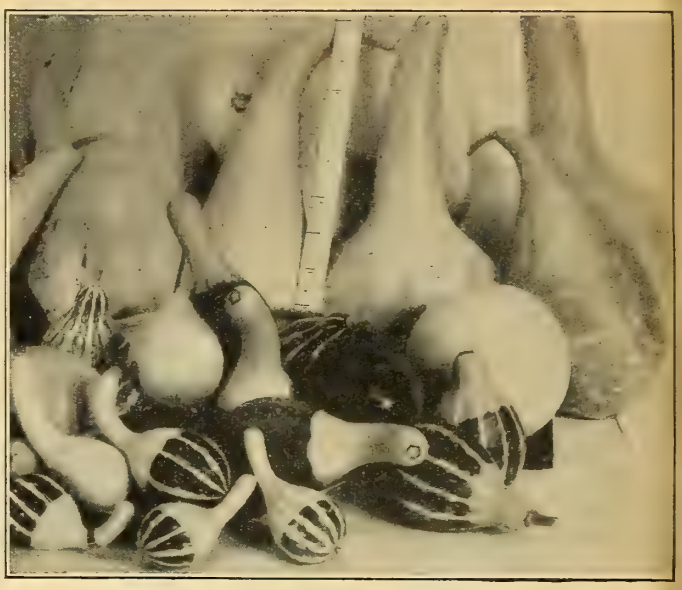
Ornamental Gourds

An increasingly important addition to the florists' list, as evidenced by the demand in retail stores. Cultural directions and instructions for preparing the fruit with each order if asked for at time of ordering.

SMALL FRUITED	Trade pkt.	Oz.
Apple-Shaped.....	$0.15	$0.50
Bottle, Miniature.....	.15	.50
Crown of Thorns, also known as Finger Gourd, Holy Gourd, Gourd of the Ten Commandments and Sugar Bowl. Ten prongs extend from the ridges or angles, standing free from the front part of the fruit. The shell is hard and durable, as in other yellow-flowered gourds. Fruit is white or ivory white.....	.20	.80
Flat Striped. Green and white stripes.....	.15	.50



GYPSOPHILA Elegans Grand. Alba. London Market



ORNAMENTAL GOURDS

GOURDS Small Fruited—Continued	Trade pkt.	Oz.
Nest Egg. Practical nest eggs.....	$0.15	$0.50
Orange. The well known Mock Orange.....	.15	.50
Ornamental Pomegranate or Queen's Sweet Pocket Melon. Fruit deliciously perfumed.....	.20	.80
Pear-Shaped. Mixed.....	.15	.50
Spoon. Small ball-shaped fruit with slender neck, deep orange. By slicing off a side a satisfactory spoon is made.....	15	.50
Warted Sorts Mixed.....	.15	.50
Small Fruited Varieties Mixed.....	.15	.50

LARGE FRUITED		
Bird's Nest.....	.15	.50
Bottle. Large. The original Thermos bottle. Makes fine bird house.....	.15	.50
Calabash or Pipe Gourd. Odd-shaped fruit which is used in making pipes.....	.15	.50
Cave Man's Club. Also called Dolphin and Maranku. Knobby, club shaped, dark green.....	.15	.50
Dipper. Fruit makes an excellent dipper and may be used for bird house.....	.15	.50
Dishcloth or Towel. The fruit is made of a spongy-like porous pulp, which may be dried and used as a sponge. The fruit is eaten when young, being cooked like squash.....	.15	.50
Hercules' Club. Fruit grows 3 to 4 ft. long.....	.15	.50
Turk's Turban. Ornamental, brightly colored.....	.15	.50
Sugar Trough. Thick shells, very durable.....	.15	.50

Sow with Gourds for Decorative effect. Corn, Squaw and Strawberry Corn on Page 17.

Vaughan's Special Mixture. All shapes and sizes of these interesting fruits so fashionable for ornaments, bird houses, and utensils, are included in this mixture. Trade pkt., 15c; oz., 80c.

Gypsophila

	Trade pkt.	Oz.
Elegans Grandiflora Alba, London Market. Special Florist strain..... ¼ lb., 75c; lb., $2.25	...	$0.25
Large flowered, pure white. A very fine strain. ..... ¼ lb., 60c; lb., $2.00	...	.20
Elegans Carminea. Deep rose..... ¼ oz., 45c	$0.15	1.40
Crimson..... ¼ oz., 30c	.15	1.00
Muralis. Dwarf, pink. Fine border and rock garden plant, 6 in..... ¼ oz., 70c	.25	2.40

IPOMOEA Clark's Early Flowering Heavenly Blue

Gloxinia Hybrida

Vaughan's Columbian Mixture. This is made up by ourselves from the choicest spotted, tigered, edged, marbled and splashed sorts of the upright and horizontal type, and we know that better seed is not to be had at any rate. Trade pkt. (about 1,000 seeds), $1.25.

		Trade pkt.	Oz.
Vaughan's Beacon. Flowers, rich dark red, flexible leaves	1,000 seeds	$1.25	....

Godetia

Plant in rather poor soil. They thrive in cool weather under moist conditions. Treat these as suggested for Clarkia.

Tall Double Grandiflora

Gladiolus-like flowers in long trusses; excellent for cutting. 2 ft.

		Trade pkt.	Oz.
Rose		$0.25	....
White		.25	....
Mixed	¼ oz., 30c	.15	$1.00
Dwarf Double Mixed	¼ oz., 45c	.20	1.40
Upright Single.			
Duke of York. Rich scarlet on white. 16 in.	¼ oz., 50c	.25	1.75
Kelvedon Glory. Glowing salmon-orange.	¼ oz., 50c	.25	1.75

Helianthus Chrysanthemum Flowered Extra Dwarf Select ..... .15 .60

Sun Gold. 4 to 5 ft. Brilliant golden yellow, double globe shaped flowers. Free blooming, 100% double, even and true shape. Early pinching will make many side shoots and in consequence smaller than one large flower if disbudded. Excellent for cutting. ¼ lb., $3.00; trade pkt., 15c.; oz., $1.00.

Helichrysum Monstrosum Fl. Pl. (Strawflower).

Canary Yellow	Golden Ball	Salmon Queen
Crimson	Rose Queen	Silvery Pink
Fireball	Silver Ball	Violet Queen

		Trade pkt.	Oz.
Each of the above	¼ oz., 30c	$0 15	$1.00
Vaughan's Special Mixture	¼ oz., 30c	.15	1 00

Heliotrope. Will bloom from seed in four months.

Mammoth Flowered. Mixed.	⅛ oz., 65c; ¼ oz., $1.20	.35	4 00
Queen Marguerite. Dark blue		.35	....
Regale Dwarf Mixed. A fine mixture of dwarf sorts.	¼ oz., 90c	.35	3.25

Honesty. See Lunaria Biennis—Perennial Pages.

Hunnemannia. Fumariaefolia (Bush Escholtzia).

Does well in greenhouse; grow cool, 18 in		.15	.60
Sunlite. Double bright canary-colored flowers. Gray-green foliage. 2 ft.	¼ oz., 50c	.25	1.60

Ice Plant. See Mesembryanthemum.

IPOMOEA

	Trade pkt.	Oz.
Ipomoea. Bona Nox (Evening Glory), large, blue	$0.15	$0.50
Single Best Fringed Mixed	.20	.80
New Giant Cornell. The flowers, as large as Heavenly Blue, are an intense carnelian red with pure white border, reproducing the colors of Cornell University. Growth is rapid and flowers come early, when vine is two feet tall, increasing in number until killing frosts arrive ¼ oz., 45c	.20	1.40
Noctiflora (Moonflower). White seeded	.15	.50
Clarke's Early-Flowering Heavenly-Blue. The improved clear blue early-flowering strain. Fine pot plant item. Sow in 4-inch pots and stake. Flowers when about 2 ft. high (6 weeks) ¼ lb., $2.00	.20	.65
Improved Early-Flowering Heavenly Blue. More intense blue	.20	.80
Pearly Gates. A big satiny white, with a creamy shading in the throat, gives this a beautiful appearance. Plant with Heavenly Blue and Crimson Rambler or Scarlett O'Hara for red, white and blue effect. Reaches 12 feet, with luxurious foliage ¼ oz., 45c	.35	1.40
Rose Marie. Double rose flowers ¼ oz., 25c	.15	.80
Scarlett O'Hara. Flowers are a carnelian red, sometimes called carmine, self color about 3½ inches across. Stays open longer than other sorts. Foliage is quite distinct, each leaf having one large and two small side lobes ¼ oz., 35c	.20	1.00
Setosa (Brazilian Morning Glory). Red	.15	.50

Jacaranda Mimosaefolia. A tree in subtropical regions with foliage as finely cut as a fern, symmetrical and elegant. Showy blue or violet flowers valuable in the north for conservatory decorations or subtropical bedding. Young plants make attractive pot plants. 100 seeds, 50c; 1,000 seeds, $3.50. ....

Kale Flowering. Although belonging to the Cabbage or Kale family, this Flowering Kale is entirely different as to its appearance. In young stage its leaves are green just like ordinary Kale, but in autumn as the season advances remarkably beautiful colors begin to appear and paint whole plant self colors or mixed colors. The colors range from white, cream, pink, rose, magenta, etc., on dark green ground. As the plants grow, the colors become more brilliant .35 ....

Kalanchoe Globulifera., Var. Coccinea (Blossfeldiana). 12 inches. Bright scarlet flowers. Very choice pot plant ..... 1/64 oz., $1.80; 3,000 seeds, $1.20; 1,500 seeds .60 ....

Gold Hybrids. It contains all shades from yellow to orange. The flowers last as long as those of the type but twice as large and are borne in clusters on stiff stems. It is advisable to bench them when the third leaf pair has reached sufficient size. The soil should not be too rich 1.25 ....

Tom Thumb. A dwarf variation of the popular K. Blossfeldiana, with the same color. The general habit is more dwarf and the very short-flowering stems form just beyond the foliage and the flowers actually envelope the entire plant. 1/64 oz., $5.00; 1,000 seeds, $1.25 ....

Kochia Childsii (Summer Cypress) .10 .25

Lantana Dwarf. Hybrida. Mixed. Sow early and give bottom heat ¼ oz., 55c .25 1.80

Lathyrus Latifolius. See Perennial Pages.

Lavatera Alba Splendens. Pure white. 30 in. ¼ oz., 30c .15 1.00

Splendens Loveliness. (Sunset). Glowing rose-pink flowers, bronze foliage ¼ oz., 30c .15 1 00

Lavender Lace Flower. See Didiscus coeruleus.

Lemon Verbena (Aloysia Citriodora). Fine pot plant. .35 ....

Leptosiphon. French hybrids. 10 in. Free flowering star-shaped flowers in many colors ¼ oz., 25c .15 .80

Leptosyne Maritima. Yellow. 24 in. ¼ oz., 30c .15 1.00

Stillmanii. Golden yellow, fine for cutting, blooms six weeks after sowing. 18 in ¼ oz., 30c .15 1.00

Golden Rosette. A double form of Stillmanii with deep butter-yellow flowers. Very free flowering .35 ....

Annual Larkspur

For outdoor blooming start in flats in the house, shift into 2-inch pots and plant in April or sow in the open as soon as ground is ready. To get satisfactory germination from Larkspurs in the hot weather, it is necessary to chill the seeds in an ice box for several days before sowing. Larkspurs must be grown cool. For a greenhouse crop in May, sow in January or February.

GIANT DOUBLE IMPERIAL—The Base Branching Type—4 ft.

This type is the most desirable for outdoor growing. A new race of annual Larkspur of upright growth, branching from the base of plant, producing more and longer flower stems for cutting:

Blue Bell. Fine medium blue.
Blue Cockade. Rich lilac blue.
Blue Spire. Dark blue.
Carmine King.
Coral King. Blush pink with a suffusion of coral.
Daintiness. Delicate lavender.
Dazzler. Rich scarlet.
Exquisite Pink Improved. Salmon-pink.
Gloria Improved. Rich, deep rose-salmon.
Lilac King.
Lilac Spire. Beautiful lilac color.
Los Angeles Improved. Salmony scarlet.
Miss California. Deep pink on salmon.
Montrose. Clear rose pink.
Pink Perfection. Lively light pink.
White King. Glistening pure white.

Each of the above, trade pkt., 25c; ¼ oz., 40c; oz., $1.10; lb., $11.00.

Giant Imperial Vaughan's Special Mixed. All colors. Trade pkt., 25c; ¼ oz., 40c; oz., $1.10; lb., $11.00.

STOCK-FLOWERED—4 ft.

Ageratum Blue.
Dark Blue.
Lilac Supreme. Deep lilac.
Rosamond. Pure rose.
Rose Queen.
Salmon Rose.
White.

Each of the above. Trade pkt., 25c; oz., 90c; lb., $9.60.

		Trade pkt.	Oz.
Vaughan's Special Mixed Stock Flowered	lb., $9.60	$0.25	$0.90

SUPER MAJESTIC—5 ft.

Long tapering laterals branch from base of each plant and grow close to main stem, vigorous growth and abundance of flowers—5 ft.

Lavender
White
Rose Pink

		Trade pkt.	Oz.
Each of the above	lb., $15.00; ¼ oz., 50c	$0.35	$1.50

IMPROVED GIANT HYACINTH-FLOWERED—45 in.

Blooms much earlier than other tall Larkspurs. Non-branching, each plant produces one big Hyacinth-like spike, broad at the base and tapering toward the top, thickly studded with perfect double blooms to a length of 18 to 20 inches.

Dark Blue
Lilac

		Trade pkt.	Oz.
Each of the above	lb. $16.00; ¼ oz., 50c	$0.30	$1.60
Giant Hyacinth Fld. Improved. Mixed	lb., $16.00; ¼ lb., $5.40; ¼ oz., 50c	.30	1.60

Lisianthus Russellianus (Eustoma). An excellent pot plant with rich violet blue flowers with black center and yellow stamens. Sow in heat in Spring, keep fairly moist during Summer. Blooms in four months from seed. Upright and compact free flowering habit. 1⅔ ft. ..... .50 ....

Lobelia

Erinus Crystal Palace Compacta. 4 in. Deep blue, dark foliage	¼ oz., 60c	.25	2.00
Compacta Blue Gown. Clear deep blue, without eye, fine compact habit	¼ oz., 85c	.25	3.00
Blue Stone Reselected. Compact habit, large flowers, brilliant mid-blue	¼ oz., 70c	.25	2.40
Emperor William. Gentian-blue, light foliage. 4 in	¼ oz., 70c	.25	2.40
Mrs. Clibran. Deep blue, white eye	¼ oz., 70c	.25	2.40
Pumila Splendens, Bedding Queen. Regret not obtainable; Mrs. Clibran best substitute.			
Alba, Snowball. 4 in.		.35	....
Sutton's Cambridge Blue. Light blue with green foliage	¼ oz., 95c	.25	....
Dwarf Sorts, Mixed	¼ oz., 65c	.25	....

ANNUAL LARKSPUR GIANT IMPERIAL

LOBELIA Erinus—Continued	Trade pkt.	Oz.
Prima Donna. Velvety maroon. 10 in.	$0 25	.....
Pendula (for hanging baskets) Angelina. Pure white large flowers	.35	.....
Sapphire. Large deep navy-blue with white eye ¼ oz., $1.00	.35	....
Tenuior ramosa nana compacta blue. Fine Gentian blue. 1⅓ ft. ¼ oz., 90c	.35	$3.00

Leucocoryne Ixioides (Glory of the Sun). Large, fragrant flowers, blue with white center, charming for cutting ⅛ oz. (about 3000 seeds), $1.50 — 75 ....

Leucanthemum. See Chrysanthemum Maximum in Perennials.

Lilium. See Perennial Pages.

Linaria Maroccana Excelsior, mixed. 12 in.		.15	.60
Fairy Bouquet. Compact growth, large flowers in many distinct colors. Blooms early. Flowers resemble miniature Snapdragons. 8 in. ¼ oz., 45c		.20	1.40

Lupinus

Free-flowering, easily grown annuals, with long, graceful spikes of rich and various colored pea-shaped flowers; valuable for cutting to follow "mums" or sweet peas as a "catch crop."

	Trade pkt.	Oz.
Hartwegii. Dark Blue, Oxford-Blue. 24 in.	$0.15	$0.60
Light Blue. Cambridge-Blue	.15	.60
Rose	.15	.60
White	.15	.60
Rose Queen. Rose-pink, semi-dwarf	.15	...
Mixed	.15	.60

Hartwegii Giants or King Lupinus. This improved giant strain is over a foot taller than the ordinary strain, reaching a height of 3 or 4 feet. There are five or six long basal branched spikes to each plant, bearing closely placed giant blooms.

King Dark Blue
King Heliotrope
King Mixed
King Sky Blue
King White

		Trade pkt.	Oz.
Each of the above	lb. $8.00	$0.20	$0.80

MARIGOLD All Double Los Angeles Florist Strain

Marigold

MARIGOLD WITH ODORLESS FOLIAGE

Burpee Gold—Carnation Flowered
Crown of Gold—Collarette
Golden Glow

TALL AFRICAN DOUBLE IMBRICATED

Trade pkt. Oz.

Guinea Gold. Orange flushed gold, producing many medium sized flowers. 2½ ft. ..... ¼ oz., 50c $0.25 $1.60

Yellow Supreme. Broad, loose-frilled petals, rich creamy yellow, honey fragrance. 2 ft.... ¼ oz., 50c .25 1.60

TALL AFRICAN DOUBLE FISTULOSA, 3 ft.

An especially fine tall branching strain, bearing enormous flowers of the quilled type.

All Double Lemon. ..... ¼ oz., 50c .25 1.60
All Double Orange. ..... ¼ oz., 50c .25 1.60

Lemon Queen, Los Angeles Florist Strain. All double. ..... 4 oz., $5.00; ¼ oz., 50c .25 1.80

Prince of Orange, Los Angeles Florist Strain. All double. ..... 4 oz., $5.00; ¼ oz., 50c .25 1.80

Mixed All Double Los Angeles Florist Strain. ¼ oz., 50c .25 1.80

OTHER VARIETIES

Burpee Gold. Another Marigold minus the disagreeable odor. Beautiful carnation-like form, attractive habit, uniformity of color and blooming time, fully double. Flowers are an even rich deep orange color, 3½ in. across. ..... ¼ oz., 50c .25 1.60

Dwarf Gigantea, Pot O'Gold. 12 to 15 in. Plants are dwarf and compact, well branched, very neat in appearance, bearing a dozen or more of its large blooms at one time. Color bright deep orange. The flowers are somewhat loosely formed, very full centered with broad heavy petals, gracefully overlapping. Blooms early. ..... ¼ oz., 50c .25 1.80

Real Gold. All America Bronze Medal, 1945. Large carnation-type flowers up to 4½ inches across are borne on compact bushes 20 to 25 inches tall, rather late in season. Color is golden orange illuminated with yellow and flowers are abundant. ¼ oz., $1.25 .50 3.75

Red and Gold Hybrids. They grow 2½ to 3 in. across. Some are solid red; others are delightful combinations of red and gold. ..... ⅛ oz., 75c; ¼ oz., $1.25 .35 .....

MARIGOLD Other Varieties—Continued Trade pkt. Oz.

Carnation Flowered Orange Supreme. Flowers are very large, 4 to 5 in. across, perfectly double, with an attractive peony-like appearance. The intense orange flowers are borne on long, stiff stems, making them most desirable for cutting. 2½ to 3 ft. tall. ..... ¼ oz., 50c $0.25 $1.60

Chrysanthemum Flowered Hybrids. A mixture of many types, in shades of orange, yellow and primrose. ..... ¼ oz., 50c .25 1.60

Golden Glow. Somewhat resembles in color and appearance the Rudbeckia Golden Glow. Petals are straight, sharply pointed and rather flat. Blooms about 2½ inches across and borne in clusters, odorless foliage. ..... ¼ oz., 50c .25 1.60

Goldsmith. The best version of the Chrysanthemum-flowered Marigold which blossoms early enough for northern gardens. Globular flower with incurved petals, borne on long base branching stems, 3 ft. tall. ..... ¼ oz., 65c .35 2.20

Idabelle Firestone. Flowers fully double, 2 to 2½ in. across, bright reddish mahogany, and borne on very long clean stems. Feathery green foliage. ¼ oz., 60c .25 2.00

Limelight. A pale primrose-yellow or deep cream, in the Dixie Sunshine or incurved Chrysanthemum flowered type. Early and free flowering. 1½-2½ inches in diameter. 20 in. ..... ¼ oz., 50c .25 1.60

Mission Giant, Yellowstone. Bright rich clear yellow counterpart to Goldsmith, with large 2½ inch flowers, on luxurious, large plants. Late blooming and lasting until frost. Flowers are of double, incurved, Chrysanthemum-like form. Uniformly 3 to 5 feet tall. ..... ¼ oz., 65c .35 2.20

Mammoth Mum 30 in. Blooms early. The flowers are fluffy ball-like, light sulphur yellow in color. The flowers are 3½ in. across and 2 in. deep and develop into the largest chrysanthemum flowered Marigold. ..... ¼ oz., 80c .35 2.80

Orange Sunset. ..... ¼ oz., 50c .25 1.80

Early Sunshine. 2½ inches across and 1½ inches deep and they are extremely early. Bright lemon-yellow flowers. Ideal for cutting. ..... ¼ oz., 50c .25 1.60

Vaughan's Marigold Treasure Chest. 2½ to 3 ft. Remarkable for its wide color range and extremely high percentage of fully double flowers. Colors run from the deepest orange to lightest primrose. Flowers are of many shapes, but mostly of the Carnation and Peony-flowered forms. ..... ¼ oz., 50c .25 1.80

Collarette Crown of Gold, Orange. 2½-inch flowers, crested center, broad guard petals, odorless foliage. ..... ¼ oz., 40c .20 1.20

Sunset Giants. Huge flowers with a color range through orange-yellow and primrose... ¼ oz., 50c .25 1.80

Vaughan's Special Mixture Tall African Double Mixed. ..... ¼ oz., 50c .25 1.80

DOUBLE DWARF FRENCH, 1 ft.

All Double Royal Scot Striped. ..... ¼ oz., 50c .25 1.60

SINGLE TALL FRENCH

Lieb's Winter-Flowering. Mahogany-brown with golden yellow-crested center. 4½ ft. ..... ¼ oz., 60c .25 2.00

SINGLE DWARF FRENCH, 1 ft.

Fire Cross. Saffron orange with a brown-red center.. .20 .80

Flash. All America Gold Medal, 1945. Bright combination of colors which range from vivid red through bronze with a few yellow flowers to give a harmonious contrast to the massed brilliance of the fiery alive plants. In most of the flowers the base color of tangerine is overlaid with rich marigold-red. Individual flowers of this new Single French Marigold grow 1¾ in. and more across; the plants, 18 in. tall. ..... ⅛ oz., 75c; ¼ oz., $1.25 .50 3.75

Legion of Honor (Little Brownie). Yellow and brown .20 .80

Wildfire. 14 to 20 in. Cross between African and French Marigolds. Flowers 2 to 3 in. across in full range of colors found in the French type; vary in shape and markings. ..... ¼ oz., 50c .25 1.60

MARIGOLD Harmony Type

MARIGOLD—Continued

	Trade pkt.	Oz.
DOUBLE DWARF FRENCH		
Dwarf Coronet Improved. Small scabiosa like flowers golden yellow in center and deep mahogany red collar. Plants compact, free and early blooming. 9 in. ¼ oz., 50c	$0.25	$1.60
Harmony. Flowers are a bright golden yellow with a rich maroon-red border. The plants, being about 12 inches high and of very bushy habit, can be utilized for cutting ¼ oz., 30c	.15	1.00
Double, Butterball. Scabious-flowered, canary yellow. Only 6 to 10 inches tall, uniform, very early and continuous flowering. Bright and luminous bedding or edging variety. Rich, dense foliage, well covered with small 1¼-inch blooms. This makes a nice pot plant ¼ oz., 50c	.25	1.80
Melody. Growing 12 to 15 inches high, literally covered with golden yellow, Harmony type flowers. Very uniform in height, habit and color; rather early, and a long steady bloomer ¼ oz., 50c	.25	1.60
Sunkist. Many attractive orange colored flowers are 1½ inches across. Grand for bedding, edging and pot-culture. 6 to 12 in. ¼ oz., 70c	.35	2.40
Scarlet Glow. A distinct bright bronzy red color; 1¾ to 2 inches across. Some flowers show russet and gold, but as a whole it is probably the largest and brightest red double French sort. Compact bushy growth of about 12 inches ¼ oz., 50c	.25	1.60
Spry. Very light orange crested center and maroon outer petals. 9 in. 4 oz., $5.80; ¼ oz., 50c	.25	1.80
Vaughan's Special Mixture of Newer Varieties of Dwarf French including Spry, Butterball, Sunkist, etc. ¼ oz., 50c	.25	1.60
MEXICAN MARIGOLD For Pots and Edging		
Gnome. Absolutely uniform in growth and color. Plants grow only 4 to 6 in. high with a spread of 8 to 10 inches; the slender fern-like foliage is fairly covered with dainty golden orange flowers. ¼ oz., 50c	.25	1.60
DOUBLE DWARF AFRICAN		
Tom Thumb Golden Crown. This is a dwarf form of the well known Guinea Gold. Plants grow only 10 in. high with bright golden yellow flowers, flushed with orange. An outstanding variety ¼ oz., 50c	.25	1.60
LILLIPUT DOUBLE DWARF, 8 in.		
Yellow Pygmy. Light lemon-yellow, growing only 8 in. tall and compact. Small, 1¼-in. blooms, rather free and exciting for edging beds ¼ oz., 50c	.25	1.60
Marvel of Peru. Mixed lb., $2.80	...	.25

	Trade pkt.	Oz.
Mesembryanthemum Criniflorum (Livingstone Daisy). The plants are literally covered with one-inch flowers of the most delightful shades imaginable. Need full sun and lots of water ¼ oz., $1.20	$0.35	....
Crystallinum (Ice Plant). Foliage glitters, being covered with ice-like globules, flowers small, pinkish white. For dry sandy spots. 6 in. ¼ oz., 50c	.25	....
Microsperma, Golden Tassel. Light green foliage like that of a Chinese Primula. The upright-growing bright chrome yellow flowers, consisting of a graceful five-lobed trumpet-shaped corolla 2 inches across, are adorned with a multitude of similarly colored stamens. 9 in.	.35	....
Mignonette True Machet, Vaughan's Selected Stock ¼ oz., 30c	.15	$1.00
Goliath. Red, fine ¼ oz., 30c	.15	1.00
Golden Goliath. Immense golden yellow spikes ¼ oz., 30c	.15	1.00
New York Market. For greenhouse culture	.50	....
Mimosa Pudica (Sensitive Plant) ¼ oz., 50c	.25	1 60
Mimulus Moschatus (Musk Plant)	.35	....
Tigrinus. Large-Flowering. Single, mixed	.35	...
Red Emperor. Bright crimson scarlet	.35	....

Nasturtium

DOUBLE TALL FRAGRANT VARIETIES

	Oz.	¼ lb.	Lb.
Golden Gleam. Semi-double, yellow	$0.25	$0.70	$2.40
Fire Gleam. Vivid orange scarlet	.25	.70	2.40
Indian Chief. Foliage dark green, vivid scarlet flowers	.25	.70	2.40
Orange Gleam. Orange	.25	.70	2.40
Scarlet Gleam. Bright orange-scarlet, fragrant	.25	.70	2.40
Glorious Gleam Hybrids. Wonderful range of color in double and semi-double flowers	.25	.70	2.40

DOUBLE DWARF FRAGRANT VARIETIES

	Oz.	¼ lb.	Lb.
Golden Globe. Yellow	$0.30	$0.80	$2.80
Globe of Fire (Scarlet Gem)	.30	.80	2.80
Gem Mixed	.30	.80	2.80

DWARF SINGLE SORTS

	Oz.	¼ lb.	Lb.
Vaughan's Special Dwarf Mixture. Contains a percentage of double flowers	.25	.70	2.40
Empress of India. Deep crimson, dark-leaved	.25	.70	2.40

TALL SINGLE MIXTURE

	Oz.	¼ lb.	Lb.
Vaughan's Special Tall Mixture. Our mixture contains a liberal amount of Gleam Hybrids.	20	.65	2.20

NASTURTIUM Double Glorious Gleam Hybrids

	Trade pkt.	Oz
Nicotiana Affinis. White, sweet-scented. 32 in.	$0.15	$0.60
Affinis Hybrids. Mixed colors. 32 in.	.15	.60
Crimson Bedder. Rich deep crimson...¼ oz., 50c	.25	1.80
Nana. Crimson Flame.....⅛ oz., 50c	.25	....
Sanderae. Crimson King. 30 in.	.15	.80
Hybrids. Mixed. 30 in.	.15	.80
Suaveolens (Orange blossom). An elegant, small-flowered pure white species, delightfully scented, which makes a fine pot plant	.50	....
Nemesia Strumosa Suttoni. Mixed.....¼ oz., $1.00	.25	....
Nana Compacta Blue Gem. Blue. 8 in.....⅛ oz., 60c; ¼ oz., $1.00	.35	....
Edelweiss (White Gem)	.35	....
Triumph. Mixed.....¼ oz., 95c	.35	3.20
These dwarf Nemesias are fine for pots and combinations.		
Nierembergia Hippomanica. Coerulea. Forms a cushion of light green foliage covered with flowers of a delicate lavender hue, 1 to 1¼ inches across; clear yellow eye. Outstanding pot and bedding item, 9 in.....1/32 oz., $1.00; 1/16 oz., $1.75	.50	....
Purple Robe. Similar to Nierembergia Hippomanica, except several shades deeper blue or violet-blue in color....1/16 oz., $3.00; 1/32 oz., $1.65	.50	....
Nigella Damascena, Miss Jekyll. Dark blue. 18 in...	.25	....
Nolana. Blue Ensign. Native Chilean Bellflower. In pots it will grow 12 to 15 inches high; outdoors it spreads a little and throws up large ultra-marine-blue flowers on stems 5 or 6 inches high. Sow outdoors in May where the plants are to bloom. Fragrant.....¼ oz., 70c	.35	....
Othake Sphacelata (Rosy Wings). 18-24 in. A handsome and robust branching annual with decorative flowers of bright rose color. The foliage is very attractive. Plant as for Cosmos. It is a species for mixed borders and for cutting	.35	....
Oxalis Rosea. Very fine. 6 in.	.50	....
Passiflora Coerulea (Passion Flower). Blue.	.35	....
Pennisetum Rueppelianum. Ornamental grass for edging Canna beds. Long graceful purple sprays..	.25	2.80
Plumbago Capensis. Spikes of rich pale blue flowers .....100 seeds, 75c	....	....

PROPAGATION OF PLANTS By Kains and McQuesten.

A complete guide for professional and amateur growers of plants by seeds, layers, grafting and budding, with chapters on nursery and greenhouse management.

In direct, simple language it discusses all phases of the subject, explains technical and scientific terms and tells clearly the how and the why of all processes. 569 pages.....$3.50

NIEREMBERGIA Purple Robe

PHLOX Drummondi Gigantea

Phlox Drummondi Grandiflora

These grandiflora varieties make fine cut flowers. For best results, sow seed where you want them to bloom.

	Trade pkt.	Oz.
Best large-flowering. Mixed.....¼ oz., $1.25	$0.40	$4.60
Gigantea Art Shades.....¼ oz., $1.20	.40	4.00
Red Glory. This is the richest bright red, with contrasting white eye.....¼ oz., $1.20	.40	4.00
Rosy Morn. Rose-pink with white eye, color deeper than Petunia of same name.....¼ oz., $1.20	.40	4.00
Salmon Glory. Pure salmon-pink with creamy white eye.....¼ oz., $1.20	.40	4.00

Sorry no dwarf Phlox seed this year.

Papaver—Poppy

	Trade pkt.	Oz.
American Legion. Orange-scarlet flowers; are remarkable keepers	$0.15	$0.60
Rhoeas Shirley. Shades of pink and rose mixed	.15	.60
Dazzler, all double, orange-scarlet	.15	.60
Double Shirley Eldorado or Ryburg Hybrids	.15	.60
Wild Rose Shirley	.15	.60
Begonia-Flowered Mixed. The flowers resemble the double tuberous rooted begonias in form. Contains an assortment of lovely light shades	.15	.60
Sweet Briar. A delightful shade of deep rose-pink. The blossoms are full double, resembling a very large double begonia	.15	.60
Vaughan's Special Mixture of Shirley varieties.....½ oz., 45c	.15	.80

For Oriental and Nudicaule Poppies, see Perennial Pages.

Pentstemon

These attractive tubular or bell-shaped flowers produced on good strong spikes make very fine plants that are exceptionally good for bedding and border planting. Although perennial in warmer climate, they are easily grown as annuals. Sow seed early (January-March) and treat as other annual bedding plants.

	Trade pkt.	Oz.
Sensation. The most brilliant and varied colors; many of them are beautifully edged with a fine contrasting color. 2 ft.....¼ oz., $1.20	$0.35	$4.00
Miniature Hybrids. 2½ to 3 ft. Graceful sprays covered with miniature flowers in a wide color range.....¼ oz., 90c	.30	3.00

See also Perennial Pages.

PANSIES. VAUGHAN'S SUPER SWISS GIANTS MIXED.

PANSIES

VAUGHAN'S IMPROVED SWISS GIANT MIXTURE

The flowers of this strain are of enormous size, 3 inches and over in diameter. They are perfectly round with overlapping petals, borne on strong stalks well above the remarkably luxuriant foliage. Thick petals, of a rich velvety texture, give this strain of pansy the required substance so necessary to a perfect pansy.

The superb colors and color combinations—salmons, yellows, pinks, rich reds and blues, are their distinctive feature. Excellent for greenhouse culture. Trade pkt., 75c; ⅛ oz., $1.30; ¼ oz., $2.25; oz., $8.00; 4 oz., $30.00.

VAUGHAN'S SUPER SWISS GIANT MIXTURE

One of our leaders and represents the choicest strain of this popular and profitable flower. Combining the finest selections of several Pansy specialists, the perfect blending is further insured by the addition of separate colors that do not generally appear in the average mixture. Trade pkt., 75c; ⅛ oz., $1.50; ¼ oz., $2.75; oz., $10.00; ¼ lb., $32.00.

VAUGHAN'S DWARF SUPER SWISS MIXED

Special selection of Geneva Giants of dwarf habit. This type, being shorter and more compact, is more suitable to plant sales. The color range is as good as that of the Improved Swiss. Trade pkt., 60c; ⅛ oz., $1.40; ¼ oz., $2.25; oz., $8.00.

VAUGHAN'S LONG STEMMED WINTER-FLOWERING MIXED RESELECTED

It has a much wider color range than other Winter-Flowering strains and has an excellent stem length, averaging better than 10 in. The bloom size is from 2½ to 3 in. and the flowers are of very good substance and sweet scented. Sow in summer for Midwinter blooming and give support early. ½ trade pkt., 60c; trade pkt., $1.00; ⅛ oz., $2.50; ¼ oz., $4.80.

VAUGHAN'S MAPLE LEAF GIANT MIXED

A distinct variety we introduced several years ago, having very large leaves and flowers of gigantic size, 4 to 5 inches across, perfectly round, of heavy substance in many attractive colors and color combinations. Trade pkt., 60c; ⅛ oz., $1.60; ¼ oz., $2.75; oz., $9.00.

VAUGHAN'S SUPER MAPLE LEAF MIXTURE "CANADIAN GIANTS"

This strain is even finer than the preceding, with flowers of unbelievable size and texture, larger than in any other strain, the plants are also of compact growth and the extra large foliage is a rich, dark green. Trade pkt., 90c; ⅛ oz., $1.75; ¼ oz., $3.00; oz., $10.00.

VAUGHAN'S GIANT MIXTURE

Large flowers of good substance in a complete color range in light and dark shades. Probably the best general complete high grade mixture obtainable. Trade pkt., 50c; ¼ oz., $2.50; oz., $8.00; ¼ lb., $30.00.

GIANT SWISS SEPARATE SORTS

Swiss Berna. Dark violet-blue.

Swiss Blue (Ullswater. Thuner Sea). The most distinct rich deep ultramarine blue with darker blotches.

Swiss Coronation Gold. Flowers golden-yellow. Perfectly round flowers, slightly ruffled edges. This is the best pure yellow pansy.

Swiss Fire Beacon. Brick red.

Swiss Luna. Soft sulphur yellow, self without blotches, round substantial flower with frilled edge. A delicate and lovely color, varies.

Swiss Pure White. The best pure white pansy.

Swiss Rhinegold. Canary-yellow with dark blotches.

Each of the above: Trade pkt., 75c; ⅛ oz., $1.80; ¼ oz., $3.00; oz., $10.00.

Swiss Alpenglow. Rich wine-red shades. Trade pkt., 75c; ⅛ oz., $1.80; ¼ oz., $3.40; oz., $12.00.

Swiss Raspberry Rose. Entirely new color. Lovely shade of pink, with a suggestion of a lighter tone on the edges of the petals with a velvety blotch in a deeper shade. Trade pkt., $1.00.

Delft Blue. Porcelain-blue. Trade pkt., 75c; ⅛ oz., $1.90; ¼ oz., $3.35; oz., $12.00.

Geneva Giant Mixed. Grown from Originator's Stock Seed. A very fine strain. Trade pkt., 75c; ⅛ oz., $1.50; ¼ oz., $2.75; oz., $10.00; ¼ lb., $32.00.

America, Ideal Bedding or Basket Pansy. Good substance with wide color range. Free-flowering. Trade pkt., 60c; ⅛ oz., $1.40; ¼ oz., $2.40; oz., $9.00.

Engelmann's Giant Mixture. Dark and light shades, huge flowers, compact and early flowering. Trade pkt., 75c; ⅛ oz., $1.80; ¼ oz., $3.00; oz., $10.00.

Jumbo Mixed. Extra large and early; long stemmed flowers. Trade pkt., 75c; 1/16 oz., $1.40; ⅛ oz., $2.25; ¼ oz., $4.00; oz., $14.00.

Masterpiece—Giant Curled. The colors are superb, mostly red and brown shades. Trade pkt., 50c; ¼ oz., $1.80; oz., $6.00.

Oregon Giants (Originator's Stock). A fine strain of giant ruffled pansies. The large flowers of heavy texture have a delicate fragrance and come in all shades and coloring. Long stems and luxuriant foliage. Pkt. 200 seeds, 50c; pkt. 500 seeds, $1.00; 3 $1.00 packets for $2.00; ½ oz., $6.00; oz., $12.00.

Petunias—Complete List for Bedding and Pots

DWARF CALIFORNIA GIANTS IMPROVED

(Vaughan Blend)

The best strain of giant-flowered Petunias in existence for pot culture and bedding. The plants are bushy, grow about 12 inches high and produce their immense flowers freely and in a wonderful variety of colors.

For illustration in color see front cover.
½ Trade pkt., 75c; Trade pkt., $1.25; 1/64 oz., $2.40; 1/32 oz., $4.40; ⅛ oz., $14.00.

Dwarf California Giants. Dark Selection. A favorite with many growers and it has given universal satisfaction.
½ Trade pkt., 60c; Trade pkt., $1.00; 1/64 oz., $1.75; 1/32 oz., $3.20; ⅛ oz., $11.00.

Dwarf Giants of California Ramona Strain, dark and light shades. A dwarf sturdy growing type especially suited to pot culture. Flowers are beautifully ruffled and fringed with open well marked throats.
½ Trade pkt., 60c; Trade pkt. $1.00; 1/64 oz., $1.40; 1/32 oz., $2.60.

Extra Dwarf Giants of California. This new strain has been bred to fill the need for a truly dwarf pot Petunia. It is by far the best strain for this purpose in existence today. The color range has also been greatly improved and brightened. 1000 seeds, $1.50.

RUFFLED GIANTS WITH LARGE-VEINED THROATS

The flowers in this section measure from 5 to 7 inches across.

		Trade pkt.	Oz.
Copper-Red. Dark-throated	1/64 oz., $1.40	$0.50	....
German Empress. Lilac veined purple	1/64 oz., 1.40	.50	....
★ Giants of California. Mixed. This is a most superb mixture, not at all to be compared with the seed usually offered.	1/64 oz., $1.25; 1/32 oz., $2.40; 1/16 oz., $4.00	.50	....
Prince of Wuerttemburg. Rich dark red with dark throat	1/64 oz., $1.40	.50	....
Princess of Wuerttemburg. Pink veined purple	1/64 oz., $1.40	.50	....
Salmon Beauty (Marylyn). A unique color, rich salmon	1/32 oz., $2.80; 1/64 oz., $1.50	.75	....
Supreme Florist strain of Giants of California. A strain of rose and pink shades with large ruffled, shallow, open throated flowers freely produced on strong growing plants	1/64 oz., $1.50; 1/32 oz., $2.80; 1/16 oz., $5.00	.75	....
White. With yellow throat		.50	....
Ruffled Monsters in mixture	1/64 oz., $1.20; 1/32 oz., $2.00; 1/16 oz., $3.60	.50	....

LARGE SINGLE FRINGED

(Flowers 3 to 4 inches across)

Blushing Maid. The flowers are of largest size, deeply fringed and ruffled, of a rosy pink and white with yellow veins and throat. One of the loveliest giant single Petunias	1/64 oz., $1.40	.50	....
Dainty Lady. The plants are neat, compact, semi-dwarf and free flowering, bearing generous quantities of medium sized, delicately fringed dark cream colored flowers	1/64 oz., $1.50	.50	....
Golden Jubilee. It has finely fringed and delicately crinkled petals of bright carmine, tinged with scarlet, with a golden throat with light bronze colored markings. Flowers are 3½ in. in diameter and the plants very free blooming.	1/32 oz., $3.00; 1/64 oz., $1.65	.50	....
Royal Beauty (Marine). The most beautiful of all blue purple Petunias	1/64 oz., $1.60; 1/32 oz., $3.00	.50	....
Scarlet Beauty. Bright scarlet. Good sized, well fringed beautiful flower	1/64 oz., $1.40	.50	....

PETUNIA Vaughan's Dwarf California Giants Improved

LARGE SINGLE FRINGED—Continued

		Trade pkt.	Oz.
Theodosia. Re-selected. Large flowered, fringed, rosy pink with a clearly defined, golden throat. Fine for window boxes	1/32 oz., $2.50; 1/64 oz., $1.40	$0.50	....
White Beauty. White fringed	1/64 oz., $1.40	.50	....
Fluffy Ruffles. In our opinion, the very best strain available, finely fringed and ruffled; mixed colors, about 75% ruffled	1/32 oz., $1.40; 1/16 oz., $2.50	.50	....

LARGE SINGLE PLAIN EDGED

(Flowers 3 to 4 inches across)

Blue Beauty. A large-flowering Petunia of clear, deep blue. Flowers of extra large size on plants of vigorous growth. Extremely free flowering	1/32 oz., $2.50; 1/64 oz., $1.40	.50	....
Burgundy. Large-flowered, 3½-inch blooms, shades of purple or carmine with white throat and tube with violet veins	1/64 oz., $1.00	.50	....

Vaughan's Best Mixture. Large-flowering single sorts. This mixture is made up by ourselves from all the best single Petunias both fringed and plain-edged, and will give the most satisfactory results. Trade pkt., 50c; 1/64 oz., $1.00; 1/32 oz., $1.80; 1/16 oz., $3.20.

Petunias, Large Single Plain Edged—Continued

	Trade pkt.	Oz.
Dwarf Elk's Pride. Velvety violet. Customers will find our strain vastly superior to quality usually offered. It is really "re-selected" ..... 1/64 oz., $1.20; 1/32 oz., $2.20; 1/16 oz., $4.00	$0.50	....
Dwarf Pink Glory. Compact habit, pure flame rose-pink ..... 1/32 oz., $1.50	.50	....
Giant Flaming Velvet. Vivid velvety blood-red, comes 100% true	.50	....
Pink Glory Hybrids (Windmiller). Large blossoms, bright colors, branching habit	1.00	....
White Cloud. 12 in. A great favorite on account of its dwarf compact habit ..... 1/64 oz., $1.00; 1/32 oz., $1.75; 1/16 oz., $3.00	.50	....
Snow Storm. Flowers are the purest white and the uniformity of the dwarf compact growth is marvelous. We think this is one of the best large-flowered single white ..... 1/16 oz., $5.25; 1/32 oz., $3.00; 1/64 oz., $1.75	.75	....

LARGE-FLOWERING DWARF (Erfurt strain)

	Trade pkt.	Oz.
Gaiety. Plants are bushy, 8 to 12 in. high, and are covered with large, daintily fringed rose and white blooms ..... 1/32 oz., $2.60; 1/64 oz., $1.40	$0.50	....
Gottfried Michaelis. Dwarf, 12 in. daintily fringed bright amaranth red with dark throat	.50	....
Setting Sun. 12 in. Compact bushes, brilliant rose-pink fringed flowers, the very best of its color ..... 1/64 oz., $1.60; 1/32 oz., $3.00	.50	....
Dwarf Grandiflora Ruffled Mixed. The above and others. This is fine for combinations .. 1/16 oz., $2.50	.50	....

BALCONY PETUNIAS

The strong branching growth makes this type especially suitable for window or porch boxes and hanging baskets.

	Trade pkt.	Oz.
Black Prince. A wonderful bedding variety, color of deep rich velvety red. Free bloomer. Similar to Flaming Velvet, but richer in color and approximately 100% true .... 1/8 oz., $1.00; 1/4 oz., $1.75	$0.35	....
Queen (Blue Star). Blue and white	.50	....
Blue. Velvety violet blue .. 1/8 oz., 90c; 1/4 oz., $1.65	.35	....
Carmine King ..... 1/8 oz., $1.00	.35	....
Cornflower Blue (Blue Wonder). Several shades lighter than the regular Balcony Blue ..... 1/8 oz., $1.00; 1/4 oz., $1.75	.35	....
Red ..... 1/8 oz., 75c; 1/4 oz., $1.35	.35	....
Rose ..... 1/8 oz., 75c; 1/4 oz., $1.35	.35	....
Star of California. Violet shaded crimson, white blotches ..... 1/8 oz., $1.00	.35	....
White ..... 1/8 oz., 75c; 1/4 oz., $1.35	.35	....
Balcony Mixed, the above. 1/8 oz., 75c; 1/4 oz., $1.35	.35	....

SINGLE SMALL-FLOWERED SORTS

Blue King. Bright violet blue ..... 1/4 oz., 45c	.25	$1.40
Flaming Velvet. Rich brilliant velvety blood-red or crimson flower ..... 1/8 oz., 80c; 1/4 oz., $1.40	.35	5.00
General Dodds. Velvety red ..... 1/4 oz., 60c	.25	2.00
Howard's Star. Improved; reselected ..... 1/4 oz., 90c	.35	3.20
Norma. Violet blue with white star	.35	....
Radiance. A cerise-rose with underlying salmon. The throat is golden yellow below where the bloom starts to flare ..... 1/8 oz., 90c; 1/4 oz. $1.60	.50	....
White King. Snowy clear white ..... 1/4 oz., 60c	.25	2.00
De Luxe Bedding Mixture ..... 1/4 oz., 60c	.25	2.25

PETUNIA Rosy Morn

SINGLE SMALL-FLOWERED DWARF SORTS

	Trade pkt.	Oz.
Admiral. Extra reselected. Pot grown seed. This is the best dwarf clear blue Petunia, of good size, and even compact growth ..... 1/64 oz., $1.60; 1/32 oz., $3.00; 1/16 oz., $5.50; 1/4 oz., $20.00	$0.75	....
Blue Ball. Early flowering velvety violet blue. Several shades lighter than Blue Bird. Dwarf and compact growth. One of the best ever offered .... 1/8 oz., $2.00	.50	....
Blue Bird. Deep violet, extra fine ..... 1/4 oz., 80c	.25	$2.80
Cheerful. The clear salmon pink flowers have a deeper rose veining toward the throat. Growth is densely compact and the plants are studded from early summer until frost with flowers 2½ in. across .... 1/16 oz., 90c; 1/8 oz., $1.60; 1/4 oz., $2.70	.50	....
Celestial Rose Improved. Definitely superior to the regular Celestial Rose, slightly dwarfer in habit and larger flowered. Unquestionably the best available strain of this fine pot plant item .... 1/4 oz., $1.75; 1/8 oz., $1.00	.50	6.00
Celestial Rose. Regular ..... 1/8 oz., 75c; 1/4 oz., $1.25	.35	4.50
Cockatoo. The flowers are a velvety deep violet-purple with irregular sized white spots and stars. 8 in. .... 1/8 oz., $1.10	.35	....
Cream Star. Flowers grow 2¼ in. across and are shaped like five-pointed stars; soft creamy white deepening towards the throat to a bright golden yellow ..... 1/4 oz., $2.00; 1/8 oz., $1.10	.50	....
English Violet. A pleasing shade of violet-blue Petunia, different from any of the other mid-blue varieties. It is almost the same beautiful color as English Violets ..... 1/8 oz., $1.10	.50	....
First Lady. A color of light pink. The individual flower measures over 2½ inches across; very free flowering. Strong sun cannot burn the beautiful color ..... 1/8 oz., $2.00; 1/4 oz.; $3.75; 1/16 oz., $1.25	.35	....
Glow. A dwarf bushy plant covered with flowers 2⅛ in. across of a dazzling carmine rose. The richness of color excels all other existing varieties of a similar type ..... 1/8 oz., $1.30; 1/4 oz., $2.25	.50	8.00
Heavenly Blue. Reselected ... 1/8 oz., 90c; 1/4 oz., $1.50	.35	4.80
Igloo. The small, 1½ inch, creamy white single flowers with yellowish throats cover the plants in a sheet of bloom 12 to 15 in. ..... 1/8 oz., $1.10	.50	....

PETUNIA White Perfection

Petunias, Single Small-Flowered Dwarf Sorts—Continued

	Trade pkt.	Oz.
King Henry (Dwarf Flaming Velvet). Large flowers of a rich velvety blood-red color. Very free flowering. Dwarf compact habit ... 1/32 oz., $1.30; 1/16 oz., $2.50; 1/8 oz., $4.50	$0.50	....
Martha Washington. Flowers frilled and ruffled, 3 in. in diameter. Blush pink veined rich wine-red, deepening at throat, which is a dark violet. 9 in. ... 1/32 oz., $1.10; 1/16 oz., $2.00	.50	....
Rose of Heaven Select. A brilliant rose-pink ... 1/8 oz., 75c; 1/4 oz., $1.40	.50	$5.00
Rosy Morn. Select. Pink with white throat ... 1/4 oz., 85c	.35	3.00
Senator. Purplish violet, white throat	.25	....
Snow Mountain. It is a true dwarf growing not over 12 inches high and about a 12 inch spread, being very thickly covered for a very long season with medium-size white flowers. It is very much of the same habit and character as Igloo except that the flowers are a little larger and they do not have the dark throat of Igloo. It is very uniform in habit and we feel much more desirable for border work than Snowball ... 1/8 oz., 65c; 1/4 oz., $1.20	.35	4.00
Snow Queen. Compact in growth with abundance of snow-white flowers ... 1/4 oz., 85c	.25	3.00
Sutton's Blue Bedder. Midblue ... 1/4 oz., 60c	.25	2.00
Topaz Queen. Deep scarlet rose, free flowering ... 1/8 oz., 90c; 1/4 oz., $1.50	.35	....
Twinkles. Masses of small, brilliant rose flowers with well defined pure white star ... 1/4 oz., 70c	.25	2.60
Windmiller Pink (Sunrise). The 2 inch flowers have slightly frilled edges and are brilliant rose, with a flush of scarlet radiating from a small yellow throat. 15-18 in. (1,000 seeds)	.50	....
White Perfection. This is one of the best white Petunias in existence. They are compact in growth with abundant snow-white flowers, which profusely cover the plants. The individual flower measures about two inches across ... 1/8 oz., 65c; 1/4 oz., $1.20	.35	4.00
Vaughan's Special Dwarf Mixture. Small flowering sorts ... 1/4 oz., 85c	.35	3.00
Miniature. 10 in. A new strain of dwarf compact miniature sorts.		
White Gem	.35	....

Double Petunias

DOUBLE LARGE-FLOWERING

	Trade pkt.	Oz.
Double Fringed Rose Queen. Rose pink ... 500 seeds, $1.25; 1,000 seeds	$2.00	....
Super Strain Giant Double Fringed Mixed. Producing about 30% full of beautiful fringed doubles. Variation of color ranges from soft salmon to deep pink, copper red, light red and a wide range of variegated colors. Size of flowers from 3 to 5 inches in diameter ... 1/64 oz., $6.50; 1/32 oz., $12.00	1.25	....
Double Shepherd's Pride. Flowers large, very double, fringed and of an alluring shade of salmon or shrimp-pink ... 500 seeds $1.00; 1000 seeds	1.80	....

Sorry no All-Double Dwarf Victorious separate colors or mixed this year.

DOUBLE SMALL-FLOWERING

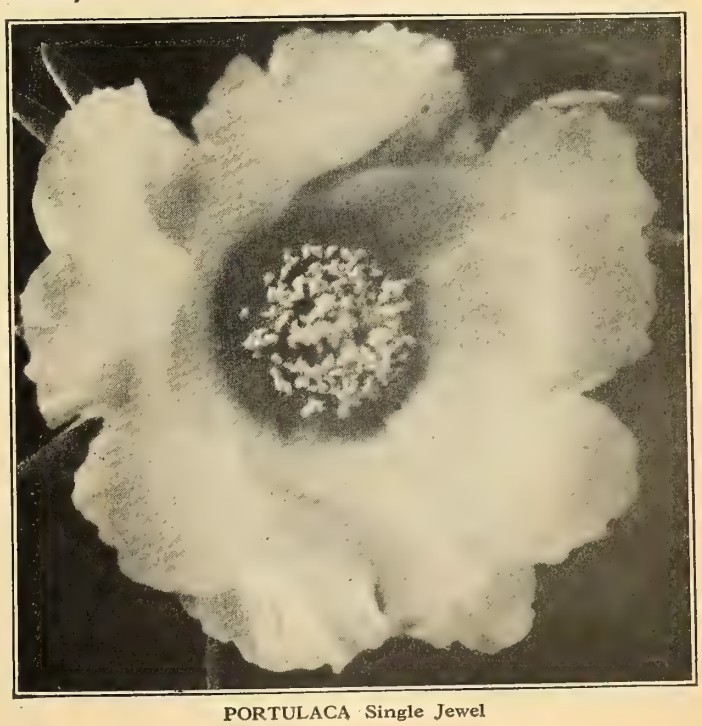
All-Double America. America is the all double type, of medium size, 100 percent carnation-flowered, and rose-pink in color. It supersedes the Double Rosy Morn with same color and growth. America Petunia is a hybrida nana, an abundant bloomer from early summer to frosts; for bedding and cutting. Uniform and true ... 500 seeds, $1.75; 1,000 seeds, $3.00; 1/64 oz., $11.00; 200 seeds $0.75

Rosy Morn. Superseded by America which is 100% Carnation Flowered and of same color and growth.

Portulaca—Moss Rose

	Trade pkt.	Oz.
Single large-flowering sorts, mixed ... 1/4 oz., 70c	$0.20	$2.40
Single Jewel. No one who has in mind the usual portulaca flower can imagine the beauty of this new variety, which is four times as large, and of a brilliant deep crimson coloring ... 1/8 oz., $1.00	.50	....
Double White, Pink, Scarlet, Golden Yellow, Sulphur Yellow and Salmon, each ... 1/4 oz., 90c	.35	3.40
Double sorts, finest mixed ... 1/4 oz., 80c	.25	2.80

Phacelia Campanularia. Gentian-blue, white anthers. 6 in.	.20	.80
Pheasant's Eye Pink. See Dianthus Plumarius in Perennial Pages.		
Pyrethrum Parthenifolium Aureum (Golden Feather) ... 1/4 oz., 50c	.20	1.60



PORTULACA Single Jewel

Choice Primulas for Florists

PRIMULA Obconica Gigantea Wyaston Wonder

Primula Obconica

Cultural Instructions Sent with Seed — Trade pkt.

Grandiflora Avalanche. White.....1/64 oz., $2.25 — $1.25
Appleblossom. Pink.....1/64 oz., $2.25 — 1.25
Better Days. Deep carmine-red. Very large-flowering. The compact, well branched growth is very symmetrical and the mass of flower heads shows evenly above the dark green foliage, on strong stems.....1/64 oz., $2.25 — 1.25
Sky-Blue (Konigsee). Extra-large flowers.....1/32 oz., $4.25; 1/64 oz., $2.25 — 1.25
Dark Blood-Red (Bayern Blut).....1/64 oz., $2.25 — 1.25
Fasbender Red. Flowers rich deep red of enormous size. Outstanding variety.....1/32 oz., $4.25; 1/64 oz., $2.25 — 1.25
Gigantea Wyaston Wonder. The huge heads of bright crimson flowers are carried on strong stems well above the foliage. In spite of the vigorous growth, Wyaston Wonder makes a compact and tidy plant.....1/32 oz., $4.25; 1/64 oz., $2.25; 1/16 oz., $8.00 — 1.25
Wyaston Wonder Ruffled Hybrids. A special selection made by an American Hybridizer. It is a selection from the regular Wyaston Wonder but with the petals more or less ruffled on the edges. The percentage of ruffled petals would run somewhere in the neigborhood of 75% true to form. Hugh heads of bright crimson flowers..... — 1.25
Lachsrosa. A beautiful salmon-rose.....1/32 oz., $4.25; 1/64 oz., $2.25 — 1.25
Mohnstein's Dark Red.....1/32 oz., $4.25; 1/64 oz., $2.25 — 1.25
Mueller's (Berlin) Rose.....1/32 oz., $4.25; 1/64 oz., $2.25 — 1.25
Orchid Lavender New. Here is a variety which will sell on sight. The color is a superb art shade of true orchid-lavender. The trusses are of enormous size, composed of individual blossoms which will average two and one-half inches in diameter..... — 1.25
Red Purple.....1/32 oz., $4.25; 1/64 oz., $2.25 — 1.25
Mixed, many colors.....1/64 oz., $2.25 — 1.00

Primula Chinese Giant

Chiswick Red Improved. Red.....200 seeds — .80
Covent Garden White.....250 Seeds, $1.00; 100 seeds — .50
Dazzler. A brilliant and unique shade of orange-red, exceptionally floriferous and long lasting.....250 seeds — 1.00
Giant Pink. Extremely large petals of great substance.....100 seeds — .80
Giant Salmon.....100 seeds — .80

CHINESE GIANT—Continued — Trade pkt.

Queen Mary. Rose-pink.....100 seeds — $0.80
True Blue.....100 seeds — .80
Vaughan's Special Mixture.....150 seeds — .80
Giant Mixed. Includes this year a number of new shades.....100 seeds — .85

Primula Chinensis Stellata

This type is indispensable for general decorative work. The plants are very floriferous and bloom for a long period. It is a good keeper, the flowers remain fresh in water for many days.

Giant Blue Star. Giant Salmon Pink Star. Giant White Star.

Each of the above: trade pkt. (100 seeds), 50c; 250 seeds, $1.00.

Giant Star Mixed. 200 seeds, 80c.

Ericksson's Malacoides (Baby Primrose)

(ORIGINATOR'S SEED)

Recent improvements in this Baby Primrose class have made it indispensable for Florist's use. Seed sown in May or June will produce large plants for Christmas. September sown seed will produce nice plants for Easter and Mother's Day.

RIVERSIDE STRAIN

This is the newest strain, flowers are larger, stems are heavier; foliage is stiffer, more upright and heavier. Flowers have more substance and last longer. About two weeks later in blooming. This type does not "crop" in and gives a longer period in which to sell plants.

Glory of Riverside Improved. A true rose pink, free bloomer with large flowers and robust grower.

Lilac Beauty. Pure light lilac, 100% even color when blooming and a delight to work in combinations.

Peachblossom. Deep peachblossom pink.

Each of the above: 500 seeds, $1.00; 2,000 seeds, $3.00; 6,000 seeds, $8.00.

Riverside Red Rose. A brilliant red rose of very even color from start to finish. Only 500 seeds, $1.00.

Eriksson's Special Mixture. 800 seeds, $1.00; 2,000 seeds, $2.00; 6,000 seeds, $5.00.

New Baby Improved. Glowing deep pink. 800 seeds, $1.00; 2,000 seeds, $2.00; 6,000 seeds, $5.00.

New Giant Malacoides

Double Fairy Jewels. The color is a lovely rich rose pink, slightly deeper in the center than the outer or older petals. The strain comes 90% to 95% double from seed. Trade Packet (about 1,000 seeds), $1.50.

Enchantress. A beautiful, soft salmon rose. The well rounded, beautifully formed flowers are 7/8 to 1 inch in diameter and produced in unbelievable profusion. A well grown plant will have 50 or more heavy stemmed spikes. Trade Packet (about 1,000 seeds), $1.50.

Snow Flake. Has flowers of the purest shimmering snow white one can imagine. Its beautifully formed 1-inch florets adorn the stately stems like glistening jewels sharply highlighted by the lush green foliage. Trade Packet (about 1,000 seeds), $1.00; 1/64 oz., $2.00.

Mixture. A mixture of giant varieties. Trade Packet (about 1,000 seeds), $1.00.

Malacoides Various Sorts

Trade pkt.

Princess Mary. Deep rose pink.....1/64 oz., $2.00 — $1.00
Salmon Rose.....1/64 oz., $2.00 — 1.00
Brilliancy. Opens lavender, changing to crimson-red.....1/64 oz., $2.20; 1000 seeds, — 1.00
New Baby. Lavender-pink.....1/64 oz., $2.00; 1000 seeds, — 1.00
Salmon Beauty. True salmon.....1/64 oz., $2.50; 1000 seeds, — 1.00

Ricinus—Castor Beans

	Trade pkt.	Oz.
Crimson Spire. Large purplish leaves changing to bronzy green. The stems, stalks and veins are rich red. The seed spikes and seed pods are brilliant rosy crimson. Most showy of all. 6 ft	$0.15	$0.40
Sanguineus. Red leaves. 7 ft	.15	.40
Mixed. Many kinds	....	.30
Zanzibarensis Enormis. Carmine seeds. 7 ft.	.15	.40
Zanzibarensis Mixed	....	.30

Rudbeckia Indian Maid. 4 in. flowers, pronounced crown, rich brown center and golden tips. Some few semi-double or double rows of petals. Sown March 1, bloom in 3½ months. Excellent for cutting ¼ oz., 50c	.25	1.80
Kelvedon Star. The flowers have dark brown central discs, surrounded by a shining mahogany zone on petals of deep orange ¼ oz., 60c	.25	2.00
Kelvedon Star Double ¼ oz., 60c	.25	2.00
My Joy (Giant Black-Eyed Susan). Large orange-yellow flowers, dark zone ¼ oz., 40c	.25	1.40
Starlight. Large-flowered, semi-double. Coloring is from primrose yellow to mahogany and bicolors with mahogany centers	.35	....

See also Perennials.

Salvia Splendens

Sow seed in flats and give bottom heat, as this helps germination of seed considerably.

	Trade pkt.	Oz.
America (Globe of Fire). A favorite with many growers. Plants grow about 18 inches high, in uniform dense globe-shaped bushes ¼ oz., $1.40	$0.50	$5.00
Harbinger. 16 in. Very early, scarlet ¼ oz., $1.40	.50	5.00
Clara Bedman (Bonfire). Erect habit—the old standby ¼ oz., $1.35	.50	4.50
Maroon Prince. Plum color. 24 inches ⅛ oz., $1.20	.50	8.00
Zurich. Early, 2 ft ¼ oz., $1.40	.50	5.00
Type (Scarlet Sage). 26 in. ¼ oz., 90c	.50	3.20

Salvia. Farinacea Blue Bedder. Compact plant, deep blue flowers effective in mass planting. The long graceful stems are useful for cutting ¼ oz., $1.00	.35	3.60

See also Perennial Pages.

SALVIA Splendens America

SALPIGLOSSIS Vaughan's Special Mixture

Salpiglossis

Excellent summer-flowering showy annuals that are easily grown and fine for cutting. Sow seed where you want them to bloom, as they resent transplanting. Seed sown in greenhouse in January will bloom in May.

	Trade pkt.	Oz.
Large-Flowering. Superbissima (Emperor). Purple, Primrose Yellow, Violet and Gold, Light Blue and Gold, Scarlet and Gold. Each of the above ¼ oz., 30c	$0.20	$1.00
Vaughan's Special Mixture. Made from above-named sorts and others ¼ oz., 35c;	.20	1.10
Giant-Flowered Dwarf Mixed. These have a compact branching habit, with individual flowers half again as large as the Emperor type. Are ideally suited for bedding purposes ¼ oz., 45c	.25	1.40
Giant Flowered. Tall. Mixed ¼ oz., 45c	.25	1.40

Sanvitalia (Creeping Zinnia) Procumbens Fl. Pl. Double yellow, dwarf, fine for edging ¼ oz., 50c	.25	1.70
Saponaria Vaccaria Rose. Sometimes called Pink Gypsophila. Light graceful sprays of glistening flowers produced in greatest profusion. ¼ lb., 80c	....	.25
Alba, White ¼ lb., 80c	....	.25

Sedum Coeruleum (Stone Crop). Blue. 3 in.	.35	....
Sensitive Plant (Mimosa Pudica) ¼ oz., 50c	.25	1.60
Shamrock ¼ oz., 35c	.20	1.20

Snapdragon. See Antirrhinum.

SCHIZANTHUS Vaughan's Masterpiece

Scabiosa Double, Large Flowering (Pincushion Flower)

		Trade pkt.	Oz.
Azure Fairy. Azure-blue. A splendid cut flower	¼ oz., 25c	$0 15	$0.80
Black Prince. Black-purple	¼ oz., 25c	.15	.80
Blue Moon. Deep lavender-blue	¼ oz., 65c	.25	2.20
Cherry-Red	¼ oz., 25c	.15	.80
Fire King. Rosy-crimson	¼ oz., 25c	.15	.80
Loveliness. Soft delicate salmon-rose color. Delightfully fragrant	¼ oz., 25c	.15	.80
Rosette. Beautiful shade of deep rose heavily suffused with salmon	¼ oz., 25c	.15	.80
Salmon Beauty. A pure salmon in color with huge flowers and with great vigor of growth	¼ oz., 25c	.15	.80
Shasta. Pure white of enormous size	¼ oz., 25c	.15	.80
Vaughan's Special Mixture	¼ oz., 35c	.20	1.20
Cockade. The new conical form accompanied by an unusual and attractive depth of flower with large individual florets makes flowers of the largest size. Blue Cockade. Deep blue, deeper than Azure Fairy	¼ oz., 25c	.15	.80
Dwarf. Heavenly blue	¼ oz., 55c	.25	2.00
Peace. The white companion to Heavenly Blue. Flowers 1¾ inches across, on 6 to 8-inch stems	¼ oz., 55c	.25	2.00
Mixed Dwarf. 8 in.	¼ oz., 50c	.25	1.60

Schizanthus

A January sowing will make choice 3 in. plants for spring combinations.

		Trade pkt.	Oz.
Vaughan's Dwarf Masterpiece. The plants grow dwarf and compact, making them most suitable for pot culture. The color range of the flowers, which are of good size, is the most varied, well balanced from light pink and rose, to a very pleasing dark violet, all with conspicuous blotches	1/16 oz., $1.00; ⅛ oz., $1.65	$0.50	....
Vaughan's Excelsior Hybrids. A choice strain with very large flowers in an excellent blend of colors. A splendid cut flower item	⅛ oz., $1.10	.50	....
Chelsea Bedding Mixture. The bushy little plants are so compact and neat and so smothered by the butterfly-like blooms that each one is a bouquet in itself. Has a wide range of colors. 9 inches		.75	....
Dr. Badger's Hybrids. Is compact, grows 8-10 in. high. Brilliant colors	¼ oz., $1.10	.35	....
Pansy-flowered. The large pansy-flowered blooms are remarkably substantial, while the rich self-colors are extremely bright and attractive	⅛ oz., $1.00	.35	....
Wisetonensis. Dwarf mixed	¼ oz., $1.10	.35	....

TYPE OF SWEET PEAS Summer Flowering Spencer

SWEET PEAS—SUMMER FLOWERING

Any of the following: oz., 25c; ¼ lb., 80c; lb., $2.80.

Ambition. Rich, deep lavender.
Ascot. Bright pink.
Avalanche. Glistening white.
Bonnie Briar. Large rose-pink.
Carlotta. Dark rosy salmon.
Chieftain. Pure satiny mauve.
Crimson King. Rich deep clear crimson.
Ecstasy. Blush pink.
Flag Ship. Deep navy blue flowers of large size, artistically placed on long stems.
Fluffy Ruffles. Rich rose shaded salmon and cream, duplexed.
Fortune. Rich dark blue.
Gigantic. Largest and best black-seeded white.
Gleneagles. Large lavender.
Headlight. Orange-scarlet, sunproof.
Highlander. Pure lavender.
Jubilee. Scarlet cerise.
King White. Gigantic flowers of pure white.
Leader. Salmon pink, cream ground.
Mrs. Tom Jones. Bright blue.
Olympia. Deep rich purple.
Peggy Ann. An attractive shade of clear, glowing salmon-pink.
Pinkie. Rose-pink.
Powers Court. Lavender.
Prince of Orange. Deep orange.
Red Supreme. New deep crimson.
Ruffled Mixed.
Smiles. Shrimp pink.
Tangerine Improved. Glowing orange.
Warrior. A fine maroon.
Welcome. Dazzling scarlet.
Vaughan's Florists' Mixture of Summer Spencer Varieties. Oz., 20c; ¼ lb., 65c; lb., $2.20.

Sweet Peas Early-Flowering Spencer

By the use of the star-symbol (★) we have indicated the varieties which, according to our experience, have proved the most satisfactory in the various colors and classes.

Nitragin for inoculating Sweet Pea Seed, Garden Size Packet, **10c.** Sweet Peas should be inoculated with Nitragin before planting.

Any of the following, except where noted otherwise, ½ oz., 30c; 1 oz., 50c; ¼ lb., $1.40; lb., $5.00.

BLUE, LAVENDER AND PURPLE

Amethyst. An early-flowering "Royal Purple." Fragrant.
Blue Bird. Violet blue. Fragrant.
★Danube. Large, ruffled blooms of a clear lavender-blue, on long straight stems.
Elk's Purple. Long stemmed reddish purple.
Fragrance. Large frilled lavender flowers, fragrant.
★Harmony. Most popular lavender, fragrant.
Mariner. Clear mid-blue.
★Mrs. Herbert Hoover. Clear blue. Fragrant.
★Princess Blue. Rich light blue.
★Tahoe. Both the wavy standards and ruffled wings have the same delightful shade of mid-blue.
★Triumph. Deep lilac mauve.
★Twilight. Long stems and extra large flowers. Color is a medium clear lavender, very much like Harmony, and will soon supersede Harmony with most growers.

ORANGE

★Ball Orange Improved.
Fiesta. Brilliant orange cerise. A strong self color almost deep enough to be an orange scarlet. Vigorous grower, definitely sunproof.
★Treasure Island. A sparkling golden orange. Very large flowered and semi-duplexed.
Valencia. Color bright orange, sunproof.

PINK, ROSE AND SALMON

American Beauty. A rich crimson rose on white ground.
★Apollo. A soft salmon-cerise. Fine spring bloomer.
Attraction. Bright salmon-pink.
★Ball Rose Improved. Extra rich deep rose.
Ball Rose Queen. Extra long stemmed and large flowered clear rose pink.
★Bridesmaid. Deep silvery pink with stems unusually long.
★Boon. Deep salmon-pink on light cream ground.
★Daphne. A soft salmon-pink on a cream ground. The flowers are of great size, with beautifully expanded and waved standards.
Jeanne Mamitsch. Striking pink, shading off to deepest pink.
Josie. Brilliant rose-pink, vigorous, large flowers; long stems.
★Laddie Improved. An enormous rose-pink. Fragrant.
★Mrs. R. H. Holscher. Rose-pink.
★Sequoia. A rich golden salmon-cerise pea, frilled and wavy. The flowers are enormous, on long stout stems.
Shirley Temple. Soft rose pink.

WHITE AND CREAM

Ball White. Large flowered, long stemmed, pure white.
Burpee's White. Glistening white, sweet scented.
Gardenia. Fragrant velvety white flowers, ruffled and duplexed. An easily grown white seeded variety; sow to follow "mums."
★Hope. A mammoth-flowered black-seeded pure white.
Oriental. Deep cream, black seeded large flowers.
★Snow Queen. Pure white, black seeded, opens and retains white color. Sow to follow "mums."
★White Champion. Best early-flowering white seeded white. Exceptionally long stems, carrying usually four flowers each.
★White Harmony. A standard black-seeded white.
Vaughan's Special Formula Mixture, Early Flowering Spencers from named sorts. ½ oz., 25c; oz., 45c; ¼ lb., $1.35; lb., $5.00.

Fragrant Early Flowering Spencer Sweet Peas

Amethyst.	Fragrance.	Laddie Improved.
Blue Bird.	Harmony.	Mrs. Herbert Hoover.

Type of Our Sweet Peas, Early Flowering Spencer

EARLY-FLOWERING SPENCER—Continued

SCARLET AND MAROON

Bacchus. Mammoth flowered duplex on long, firm stems. Rich red maroon.
Grenadier. A glowing poppy-scarlet.
Pride. Pure cerise large flowers on long stems.
Redwood. A deep, bright rich crimson.
Sparks. Bright orange scarlet, large flower, daintily frilled standard with wide spread wings.

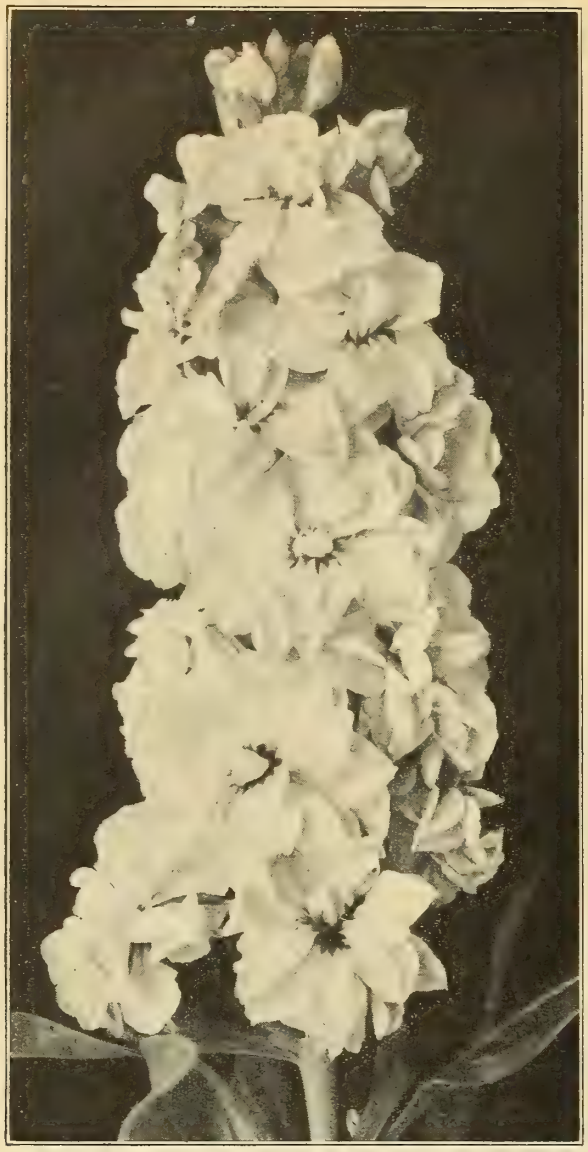
SPRING-FLOWERING INTERMEDIATE

The spring-flowering type gives excellent flowers on long stems when the regular early-flowering types have given out. They also give a much heavier crop of flowers than the standard early flowering type and are highly heat resistant. Seed of the spring-flowering type should be sown from the middle or end of Oct. to Feb. in the greenhouse for flowering in spring and summer.

Black Seeded White Improved. Outstanding pure white frilled flower.

Blue.	Light Lavender.	Mauve.
Clear Pink.	Lavender.	Rose-Pink.

Each of above..... ½ oz., 35c; oz., 65c; ¼ lb., $2.00; lb., $6.50.
Mixed All Colors. ½ oz., 30c; oz., 55c; ¼ lb., $1.65; lb., $5.50.



STOCKS NON-BRANCHING COLUMN SILVERY LILAC

Stocks

Our Stocks are produced by the most careful growers and are **equal to the best in the market.**

Varieties preceded by star (★) are the most popular colors.

A leaflet on "Methods of Selecting Double Flowered Stocks in the Seedling Stage," by Prof. S. L. Emsweller, will be included in all orders for Column Stock seed.

GIANTS OF CALIFORNIA

This magnificent group comes very early, having the branching habit of the Bismarck, with mammoth flowers on longer stems. When planted close they make one long spike of mammoth florets closely packed around the stem.

Blood-Red "The Red Woods"
Blue "Pacific"
Chamois "Santa Barbara"
Lavender "Tahoe"
Pink "Monterey"
Rose Carmine "Sequoia"
Rose "Yosemite"
Velvety Violet (Mojave)
White "Santa Maria"
Yellow "Golden Gate"

Each of the above, trade pkt., 35c; ⅛ oz., 70c; ¼ oz., $1.25; oz., $4.40.

Giants of California Mixed. Trade pkt., 25c; ⅛ oz., 65c; ¼ oz., $1.20; oz., $4.00.

STOCKS—Continued

IMPROVED GIANT BISMARCK (Early Giant Imperial)

One of the best Stocks, for both inside and outside planting. The plants grow in pyramidal form, about 2½ ft., are strong and robust and are covered with large double flowers. Plant close and take out center shoot as soon as safe to get more and longer side branches which that way produce more flowers.

Buttercup. Deep golden yellow
★Chamois
Dark Blue
Elk's Pride. Royal purple
Flesh. Delicate pink
Fiery Blood-Red
Golden Rose
★Lavender
★Lilac
★Rose
★Shasta. Vigorous, glistening white.

	Trade pkt.	Oz.
Each of the above.....⅛ oz., 65c; ¼ oz., $1.10	$0.35	$3.40
Giant Bismarck, Mixed. All colors.....¼ oz., 65c	.25	2.40
Appleblossom.....⅛ oz., 65c	.35	....

"NON-BRANCHING" COLUMN STOCKS

These produce one enormous spike with large flowers, 2 to 2½ ft. high, and can be planted close together in the bench, which makes them a profitable type. Are in season with Bismarck variety.

Apricot (No. 20).
American Beauty. Deep American Beauty Rose.
★Blue. Dark lilac blue.
★Chamois Pink. Not such a large percentage of doubles as other varieties.
Gardenia. Flowers of the purest white. About 10 days later than White No. 16, also taller. Needs disbudding.
Gold Standard. Creamy ivory yellow. **Only** ½ trade pkt., 60c; trade pkt., $1.00.
Lilac Lavender. Same as Silvery Lilac.
Malmaison Pink. Beautiful shell pink.
Moonlight. Light yellow.
★Rose Pink (No. 14). A deep selection from No. 11; a rose-pink, not a deep heavy rose. Good market color. Long-stemmed, about ten days later than No. 11.
Purple. Only ¼ oz., $2.50; trade pkt., $1.00; ½ trade pkt., 60c.
Ruby (Illusion). Rich crimson red.
★Silvery Lilac. Lilac lavender.
Supreme. Supremely fine in its rich silvery rose shading, with extra long stems and fine heavy spike.
★Vaughan White No. 1. We especially recommend this; in our judgment, the finest pure white Non-Branching Column Stock in existence.
White No. 16. Semi-tall pure white.
White No. 5 Extra Dwarf. For Pot Culture. Fine for growing for early spring pot plants and combinations. Growing about 14 inches tall and producing one Hyacinth-like spike, these fragrant plants will help to fill in the shortage of bulbs.
Special Florist Mixed. Mixture of the best selling colors.
★Yellow Wonder. Best yellow.
Each of above except Gold Standard and Purple: ½ tr. pkt., 60c; tr. pkt. (about 1200 seeds), $1.00; ¼ oz., $2.50; oz., $9.00.

Early Colonial. Blooms earlier than other branching types, grows 30 to 36 in. tall. The individual florets are 2 inches across and they form clusters or spikes 15 inches long. The percentage of double runs about 70%.
Mayflower. Red rose.
Priscilla. Silvery lavender.
Puritan. Pure white.
Rose Standish. Bright rose.
} Each, tr. pkt., 50c.

	Trade pkt.	Oz.
White Wonder. Tall growing variety of the Bismarck type in habit. The heads are very large and the individual flowers closely set and of extraordinary size. Plant 6 by 6 inches and pinch when 6 inches high and then it will bring three long spikes.....¼ oz., $1.50; ⅛ oz., 85c	$0.50	....

DWARF LARGE-FLOWERING TEN WEEKS

Compact pyramidal growth, excellent for pots, bedding or combinations. Not desirable for cutting.

Blood-Red
Bright Pink
Dark Blue
Deep Rose (Carmine pink)
Lavender
White

	Trade pkt.	Oz.
Each of above.....¼ oz., 55c	$0.25	$2.00
Dwarf Large-Flowering. 10 weeks. Extra choice Mixed.....¼ oz., 55c	.25	2.00

Solanum

ORNAMENTAL PEPPER, "CHRISTMAS CHERRY"

	Trade pkt.	Oz.
Bird's Eye Improved. The fruits are larger and as freely produced as the ordinary. They come on white, then turn blue and finally red..¼ oz., 90c	$0.35	$3.20
Celestial Pepper. Conical fruits, at first green then creamy yellow, violet, coralline, and after that golden yellow.....¼ oz., $1.10	.35	....
Chameleon.....	.35	....
Christmas Cherry Improved.....¼ oz., 85c	.35	3.00
Red Cluster (Bunch Pepper). A compact, much branching plant bearing at the end of its branches bunches of erect, pointed, curved pods of a coral red color.....	.35	....
Miniature Bell. The red, green and white bell shaped fruits are attractive against the dainty foliage .....¼ oz., 80c	.25	....
Patterson Variety. A compact strain of Christmas Cherry. Fruit medium sized and freely produced well above foliage. Well suited for the smaller-sized pot specimens.....¼ oz., 75c	.35	....
Variegated Leaved.....¼ oz., 70c	.35	....

Statice

Attractive annuals of easy culture that can be used as fresh or everlasting flowers.

Sinuata. Kampf Improved variety. Tall, brilliant deep blue
Lavender Queen
Market Growers. Blue
Pale Violet with yellow center
White, Pure
Rosea Superba
Pastel shades mixed
New colors mixed

	Trade pkt.	Oz.
Each of the above.....¼ lb., $1.60; lb., $4.80	$0.15	$0.45
Bonduelli. Golden yellow.....lb., $4.00	.15	.40
Puberula. Flowers 5 months after sowing, grows only 4-6 in. high and forms large magnificent dark violet blooms. It can be used for pots and in the open, also in rock gardens.....¼ oz., 80c	.35	....
Suworowii. Russian or Rat tail. Flowers bright rose color. Can be grown in cool house. 30 inch. ¼ oz., 40c	.15	1.20

See also Perennial pages.

STRAWBERRY BARON SOLEMACHER RED

A Good Mothers' Day Item

The creation of a European specialist and the result of 35 years of cultivation. It is of the small fruited Alpine type and produces compact plants without runners. Plant seed in pots from January to April, keeping evenly moist and shaded. These seedlings will produce abundant fruit the first summer and continue bearing right into autumn.

Trade pkt., 75c; 1/16 oz., $1.65.

	Trade pkt.	Oz.
Stevia Serrata. White, fine cut flower.....	$0.35	....

Tahoka Daisy

An unusually beautiful lavender-blue Daisy with fern-like foliage. Carried on good long stems, the flowers are many-rayed, with long slender petals of pure lavender-blue, center deep yellow.....¼ oz., 65c	.25	$2.20
Texas Queen Anne's Lace. An improved Wild Carrot. Will dye easily.....¼ oz., 30c	.20	1.00
Thunbergia. Mixed. Fine climber for window boxes and hanging baskets.....¼ oz., 35c	25	1.00
Gibsoni. A lovely graceful climber for trellis work in greenhouses, or may be flowered outdoors in summer in mild climates. It has glistening green ivy-shaped foliage and flowers of most brilliant glowing orange. 100 seeds, $1.00; 1000 seeds, $6.00	...	....

	Trade pkt.	Oz.
Tithonia Avalon Earliest. The plants grow to seven feet or more. The big, long-stemmed blossoms range from orange topaz through tangerine to those with burnished oversheen of scarlet fire.....¼ oz., 50c	$0.25	$1.80
Torenia Fournieri. Makes a fine pot plant for Mothers' day sales. Also good in combination baskets. Flowers blue with dark blotches on lip. 12 in.....	.50	....
Trachelium Coeruleum. Free-growing annual having large cloud-like heads of tiny blue flowers resembling Gypsophila. 18 in.....⅛ oz., $1.00	.35	....

Venidium

Fastuosum. 2 to 3 ft. Above the grayish silky foliage rise numerous orange flowers marked with a purple-black zone averaging four to five inches across..... .....¼ oz., 80c	.35	....
Fastuosum Hybrids. 2-3 ft. A race with a remarkable range of colors, from pure white through ivory, yellow and buff, set off by glistening black centers with maroon markings at base of petals..¼ oz., 80c	.35	....

Vinca Rosea

These are slow growers and must be started early. They are splendid as bedding plants or for combinations. They bloom all summer until frost and do well in either sun or partial shade. These should be in every florist's order for bedding plant seeds. Make good cut flowers.

	Trade pkt.	Oz.
Rosea. Pink, 1 ft.....¼ oz., 60c	$0.25	$2.00
Fl. Alba Oculata. White with pink eye. ¼ oz., 50c	.25	1.80
Alba Pura. Pure white.....¼ oz., 50c	.25	1.80
Delicata. Soft pink.....¼ oz., 50c	.25	1.80
Twinkles. Large flowers of an unusual soft blush pink with a bright red eye.....¼ oz., 60c	.25	2.00
Mixed.....¼ oz., 50c	.25	1.60

Virginia Stocks. Mixed. A splendid edging plant.	.25	.80
Nana Compacta. Mixed Dwarf bushes covered with bright flowers during the entire season. 8 in.....	.20	.60
Verbesina Encelioides. 3 ft. Large single butter-yellow daisies with irregular petals. Blooms continuously throughout the season and is an excellent cut flower .....¼ oz., 65c	.25	2.20
Viscaria Oculata. Mixed.....	.20	1.10
Blue Pearl. Pure deep lavender-blue without eye, erect growing.....¼ oz., 70c	.35	2.40
Nana compacta oculata. Mixed.....¼ oz., 70c	.35	2.40
Coerulea Blue Bouquet.....¼ oz., 70c	.35	2.40
Fiery Red. Flowers of brilliant red, plant is very dwarf and compact.....¼ oz., 70c	.35	2.40
Xanthisma Texanum. Star of Texas. Flowers are light canary-yellow with a lighter colored center; single, daisy-like, with long, pointed petals. Stems are thin and strong, and although they are not very long, they are suitable for cutting. Quite hardy, does well in dry, open places.....⅛ oz., 50c	.25	....
Xeranthemum (Everlasting). Superbissimum (Pompon) mixed.....	.20	.80
Zea Quadricolor Perfecta. Dwarf leaves striped with red, rose and yellow bands.....lb., $2.00	....	.15

FOR PORCH AND WINDOW BOXES

Ageratum Midget
Alyssum
Antirrhinum Dwarf
Begonia
Candytuft
Centaurea Jubilee Gem
Coleus
Convolvulus Dwarf
Cuphea Firefly
Heliotrope
Lantana
Lobelia
Marigold Dwarf
Geraniums
Dwarf Nasturtium
Pansy
Balcony Petunias
Single Dwarf Petunias
Thunbergia
Verbena
Vinca
Zinnia Small Sorts

VERBENA Gigantea Mixed

Verbenas

Gigantea Beauty of Oxford Hybrids. A beautiful giant hybrid raised from a cross between Verbena Luminosa and Beauty of Oxford. The color shades from clear rose-pink to rose-red, making this the brightest rose Verbena ever produced from seed.

Alba. Very large, pure white.

Brightness. Bright rosy cerise scarlet large white eye, semi-compact.

		Trade pkt.	Oz.
Brilliant. Rich deep flame rose with medium sized white eye	¼ oz., 85c	$0.35	$2.80
Cerise Queen. Salmon cerise	¼ oz., 80c	.35	2.80
Crimson Glow. A pure glowing crimson without an eye	¼ oz., 80c	.35	....

Etna. Geranium-red with a small creamy yellow eye.

Floradale Beauty. Beauty of Oxford type of large-flowered rose shades with salmon-rose predominating.

Lavender Glory. True lavender. Large flower umbels. Fragrant. About 80% true.

Lucifer. Red.

Luminosa. Flame-pink toning to softer shades of salmon, flesh and coral.

Rosea Stellata. Pink, white eye.

Royale. Royal blue with creamy eye.

Spectrum Red. Intense pure bright red without eye. Brighter and larger than Lucifer and comparable only to Etna without Etna's yellow eye.

Sutton's Giant Pink. Salmon pink.

Violacea Stellata. Violet, white eye.

		Trade pkt.	Oz.
Each of above except as noted otherwise	¼ oz., 75c	$0.35	$2.65
Gigantea. Mixed	¼ oz., 55c	.25	2.00
Royal Bouquet Mixed. This variety has an upright growth on straight stems, making it a good cut flower sort and a symmetrical bedding plant. The flowers are very large in many charming colors; 15-18 in.	¼ oz., 75c	.35	2.65
Hybrida.			
Defiance. Brilliant scarlet	¼ oz., 50c	.25	1.60
Lutea Improved. Yellow	¼ oz., 50c	.25	1.60
Mayflower. Pink and rose shades	¼ oz., 65c	.25	2.20
Purple Mantle	¼ oz., 50c	.25	1.60

Vaughan's Best Mixed. This is unquestionably the best strain of Verbena seed in existence. It is composed of the best strains, all grown separately, and mixed in the right proportion. Trade pkt., 35c; ¼ oz., 80c; oz., $2.80.

Verbenas—Dwarf Erect Growing

These are very much in favor since they make splendid pot plants, growing from 6 to 9 inches high and very compact.

		Trade pkt.	Oz.
Blue Sentinel. Rich navy blue self color	¼ oz., $1.20	$0.35	$4.00
Chamois	¼ oz., 1.20	.35	4.00
Dark Blue	¼ oz., 1.20	.35	4.00
White	¼ oz., 1.20	.35	4.00
Violet Bouquet. Flower opens deep violet, tinged garnet changing to deep violet, cream color eye	¼ oz., 1.20	.35	4.00

Vaughan's Special Mixture Dwarf Verbenas. This is made from separate colors and a most complete mixture. Trade pkt., 35c; ¼ oz., $1.20; oz., $4.00.

Various Sorts

		Trade pkt.	Oz.
Bipinnatifida (Fern-leaved Verbena). The plants reach 18 in. in height by 2 ft. wide with great piles of ferny, feathery gray-green foliage covered with clusters of lavender-blue flowers. The flowers resemble sprays of lilac candytuft	¼ oz., $1.00	$0.35	$3.50
Venosa. Heliotrope blue, fine for bedding when combined with Alyssum; used extensively in the Chicago parks. 1 ft.	¼ oz., 45c	.25	1.60
Lilacina. Delicate lavender-blue	¼ oz., 55c	.25	2 00
Erinoides (Moss Verbena). Purple. 1 ft.	¼ oz., 55c	.25	2.00
White	¼ oz., 55c	.25	2.00
Lemon (Citriodora)		.35	....

Zinnias

Zinnias are heat loving plants and seed should not be sown until the ground and atmospheric conditions are warm. If grown in a sunny spot in well fertilized soil and watered freely, the flowers will be more completely double. Nearly all will vary somewhat in trueness. Zinnia seed may be sown inside in February and March for cutting inside. Seed sown in April will bloom May 20 to June 10. Inside sown in May for inside cutting will bloom June 10 to 20.

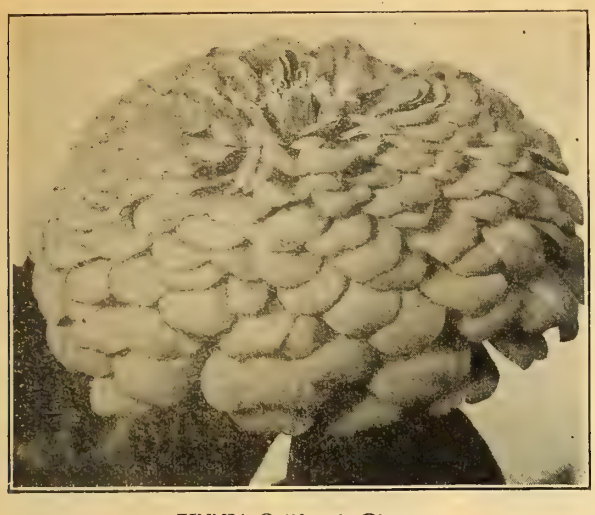
	Trade pkt.	Oz.
All-Giant Indian Summer. A harmonious blend of dazzling brilliance without a trace of harshness. Lb., $14.50; ¼ lb., $4.00; ¼ oz., 45c; ½ oz., 75c	$0.25	$1.25

DAHLIA-FLOWERED 2½ to 3 ft.

The plants grow tall, are well branched and the colors are very distinct and striking; the flowers are double and large size.

Canary Bird, primrose
Crimson Monarch, best red
Dream, deep lavender
Eldorado, rose on deep salmon
Exquisite, light rose, center rose
Golden Dawn, golden yellow
Golden State, rich orange
Illumination, deep rose
Lemon Beauty, Lemon yellow turning to russet
Luminosa, bright deep pink suffused with salmon
Meteor, darkest red
Oriole, orange and gold
Polar Bear, white
Royal Purple
Scarlet Flame, bright scarlet

	Trade pkt.	Oz.
Each of above ¼ oz., 45c; ½ oz., 75c; ¼ lb., $4.00; lb., $14.50	$0.25	$1.25
Dahlia-Flowered, Gold Medal Hybrids. A superior mixture containing many new varieties ¼ oz., 45c; ½ oz., 75c; 4 ozs., $4.00; lb., $14.50	.25	1.25
Crown o' Gold (Desert Gold). Of dual tone beauty comprising the light and deeper shades of gold, each petal overlaid at the base with a deeper golden yellow lb., $14.50; ¼ lb., $4.00; ¼ oz., 45c; ½ oz., 75c	.25	1.25
Super Crown of Gold Pastel Tints. Strictly a mixture of pastel tints and contains a wide color range. All the flowers carry the deep golden yellow base of the Crown of Gold type and the individual color at the top. lb., $14.50; ¼ lb. $4.00; ¼ oz., 45c; ½ oz., 75c	.25	1.25



ZINNIA California Giants

ZINNIAS—Continued

CALIFORNIA GIANTS 3 to 4 ft.

They are larger than Colossal and a cross between that and the Dahlia-flowered types. They have smaller, flat centers, with more loosely placed petals. The petals are attractively imbricated.

Brightness. Bright, deep rose
Cherry Queen
Crimson Queen. Best crimson
Daffodil. Canary-yellow
Enchantress. Pink
Isabellina. Creamy buttercup
Golden Queen. Golden Yellow
Grenadier. A very dark red
Lavender Gem.
Lemon Queen. Lemon orange
Miss Willmott. Soft pink
Orange King. Orange scarlet
Pink Profusion. Shrimp pink
Purity. A clean pure white
Rose Queen. Deep rose
Salmon Queen
Scarlet Queen
Violet Queen. Dark violet

Each of the above.....lb., $13.50; ¼ oz., 40c; ½ oz., 65c — Trade pkt., $0.25; Oz. $1.10

California Giants, Vaughan's Special Mixed. All colors.....lb., $13.50; ¼ oz., 40c; ½ oz., 65c — .25 1.10

FANTASY 2½ to 3 ft.

The rounded flowers are composed of a mass of shaggy ray-like petals.

Orange Lady. Bright orange
Rosalie. Bright intense scarlet
Star Dust. Deep golden yellow
White Light. Pure white, excellent in flower arrangements
Wild Fire. Rich dazzling scarlet

		Trade pkt.	Oz.
Each of the above	¼ oz., 60c	$0.25	$2.00
Fantasy mixed	¼ oz., 50c	.25	1.80

Vaughan's Special Mixture of all Giant sorts including the cream of the Dahlia Flowered, California and other sorts, mixed.....¼ oz., 45c — .25 1.50

LILLIPUT OR POMPON 1½ to 2 ft.

Flowers the size of large button type of Pompon "Mum."

Black Ruby, deep blackish maroon
Canary Yellow
Crimson
Deep Flesh Bright pink
Golden Gem. Golden orange
Pastel Mixture
Purple
Rose Bud
Salmon-Rose. A lovely color
Scarlet Gem
Valencia. Burnt orange
White Gem

		Trade pkt.	Oz.
Each of above	¼ oz., 45c; ½ oz., 75c; 4 ozs., $4.00	$0.25	$1.25
Dainty Gem. New dainty bicolor rose	¼ oz., 55c	.25	1.40
Vaughan's Special Lilliput Mixture	¼ oz., 45c; ½ oz., 75c; 4 ozs., 4.00	.25	1.25

SCABIOUS FLOWERED Harmony Type

Plants 2½ to 3 ft., bearing numerous medium sized flowers, remarkably resembling the annual Scabiosa and Harmony Marigold.

Vaughan's Special Mixed, bright shades, including crimson, scarlet, orange, yellow, pink and white.....¼ oz., 50c — Trade pkt. $0.25; Oz. $1.80

CUPID ZINNIAS 1 ft.

The Smallest of All

Compact plants about 1 ft. tall, consist of a large number of slender branches which give the plant a well rounded bushy habit. Each of the numerous upright stems bears a miniature flower which hardly exceeds 1 in. in diameter. Useful for corsage making.

Pixie. Bright yellow
Snowdrop. Pure clear white
Tiny Tim. Rich scarlet.
Mixed

Each of the above.....¼ oz., 50c — Trade pkt. $0.25; Oz. $1.60

PUMILA FL. PL.

This is called the "Cut and Come Again" type.

Alba Plena. Snowball.
Coccinea Plena. Fireball.
Golden Orange.
Spun Gold. Delicately tinted butter-yellow.
Pinkie. Rose-pink.
Salmon-Rose. Remarkable shade, good for cut flowers.

		Trade pkt.	Oz
Each of the above		$0.20	$0.80
Vaughan's Special Pumila. Mixed. The above shades	4 ozs., $3.00	.20	.80

OTHER VARIETIES

Burpee's Super Giant. Largest of all Zinnias. 3 ft. Flowers are 5½ to 6½ inches across and of a wide diversity of colors and forms; some like Dahlia-flowered, others like Giants of California and still others with curled and twisted chrysanthemum-like blossoms. Rare and unusual shades.....¼ oz., 60c — .35 2.00

David Burpee. Strikingly different, with the petals attractively curled and quilled. Flowers of tremendous size, measuring up to 6 inches across and from 4 to 5 inches in depth on long stems. Pastel shades predominate. Some of the flowers are of the solid self color, while others contain combinations of 2 and 3 colors.....¼ oz., 45c — .25 1.40

Linearis. The foliage is a neat, narrow leaf without the coarse appearance of the common garden Zinnia. The flowers are a beautiful orange-yellow color with a lemon-yellow stripe through each petal, single and about one inch in diameter. 1 ft. ¼ oz., 60c — .25 2.00

Mexicana (Haageana) Hybrida. Mexican Hybrids. Double mixed.....¼ oz., 60c — .25 2.00

Navajo Mixed. Flowers resemble a Picta Double Gaillardia, in both form and colorings...¼ oz., 45c — .25 1.40

Red Riding Hood. Scarlet. Button type.....½ oz., 75c; 4 ozs., $4.00; ¼ oz., 45c — .25 1.25

Vaughan's Mixture of Midget Zinnias. Single, double and semi-double flowers are produced in abundance. Rich in orange, red, maroon and yellow tones, some showing red tipped with gold, salmon and gold, pure gold and rich cream.....¼ oz., 60c — .25 2.00

ZINNIA Dahlia Flowered

ANCHUSA Italica Dropmore Variety

We recommend sowing perennial seeds in spring. Seed germinates better in the cool weather than in the heat of mid-summer, and the long growing season produces larger plants that winter over more successfully.

ALYSSUM Saxatile Compactum

ANTHEMIS Sancta Johannis

Seeds of Biennials and Hardy Perennials

Perennials fill a large and interesting place in the operations of an up-to-date florist establishment. Some are as easily raised as annuals; quite a few may be forced; others make fine pot plants; and many furnish splendid cutting material. The rock garden requirements absorb all the low-growing varieties and the florist with his eye to the future will devote considerable space to perennials of all kinds. They require little heat, if any, and not much care.

SEED GERMINATES SLOWLY AND IRREGULARLY

of the following varieties and seed bed should be prepared where it will be undisturbed for a year or more.

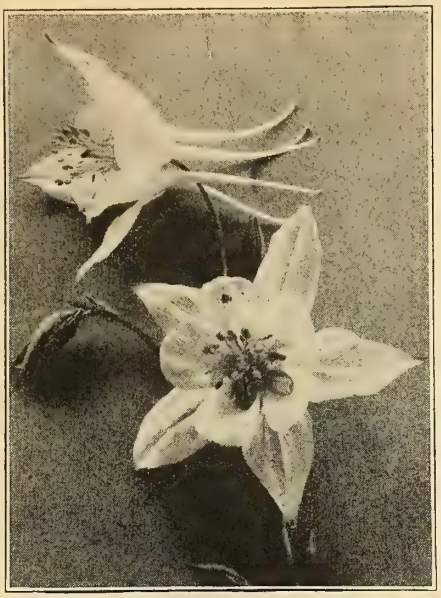
Aconitum, Anemone, Clematis, Delphinium Cardinale, Delphinium Nudicaule, Dictamnus, Dielytra, Iris, Phlox Decussata, Primulas Trollius and nearly all Alpines.

Rock Garden subjects are marked ×.

	Trade pkt.	Oz.
Achillea Tomentosa Aurea. × Flowers are umbells of Buttercup yellow above close set mats of silver gray foliage, 6 in.	$0.50	.....
Aconitum (Monk's Hood). Wilsoni. Mid-blue, large and late flowering ¼ oz., 80c	.25	$2.80
Barker's Variety. Branching habit, flowers pretty amethyst blue ¼ oz., 85c	.25	....
Aethionema Coridifolium (Lebanon Candytuft). Light rosy purple, 8 in.	.50	....
Agathea Coelestis (Blue Daisy). Pot grown plants in greenhouse, flower more freely. Plant seed in July, place in carnation house in fall. 40 in. ¼ oz., 50c	.25	1.80
Allwoodii, see Dianthus.		
Alstroemeria Aurantiaca. Orange streaked red, 3 to 4 ft. ¼ oz., $1.00	.35	.....
Alyssum Argenteum × Yellow-flowered, silvery foliage, 24 in.	.35	....
Rostratum. Yellow. 16 in.		....
Saxatile Compactum (Gold Dust). Golden yellow, 12 in. Blooms in spring ¼ oz., 30c	.15	1.00
Sulphureum (Citrinum). Sulphur-yellow, 15 in. ¼ oz., 80c	.35	3.00
Serpyllifolium. 2 to 3 in. plant woody at base, covered with gray leaves, producing an abundance of small yellow flowers in April and May	.35	....
Rock Garden Perennial Species, Mixed	.35	....
Ampelopsis Veitchi, Boston Ivy. Clean seed. lb., $5.00	.15	.50
Amsonia Tabernaemontana. Free flowering long stems, with willow-like foliage and lovely heads of light blue flowers in panicles. Especially good for cutting and hardy border. 2 to 3 ft. ¼ oz., 90c	.50	....
Anchusa Italica, Dropmore Variety. Large, gentian-blue, excellent perennial for cutting, 6 ft.	$0.15	$0.80
Dwarf Dropmore Variety (Feltham Pride). Neat habit, flowers brighter blue than preceding. 3 ft. ¼ oz., 60c	.25	2.00
Lissadell. Clear gentian-blue. 6 ft.	.15	.80
Morning Glory. Clear blue, a little lighter than Lissadell but quite similar. Height about 5 ft., coming very true. Buds appear a rosy mauve but turn to clear blue as they open. ¼ oz., 45c	.25	1.40
Myosotidiflora. × A charming plant with the exquisite blue flowers of the forget-me-not, carried on 2 ft. high stiff stems. Large heart shaped basal leaves, for rock garden or border. Flowers in April and May. This seed should be placed in refrigerator for 72 hours before sowing. ⅛ oz. $1.00; ¼ oz., $1.80	.50	.....
Anemone (Windflower), Coronaria. Sylphide Blue. Light purple ¼ oz., $1.40	.50	5.00
St. Brigid's Hybrids (Irish Champions). Irish-grown St. Brigids are largely favored by commercial growers on account of the lasting quality of the bloom, length of stem, and the brilliancy of colors. 18 in. ¼ oz., 85c	.50	3.00
Pulsatilla. × The Pasque Flower. A singularly beautiful species with violet flowers, whole plant covered with silky hairs, needs a dry situation. Blooms in April to June. 12 in. ¼ oz., $1.00	.25	3.50
Anthemis Kelwayii (Hardy Marguerite). Daisy-like lemon-yellow blossoms, produced all summer, 3 ft.	.15	.60
Tinctoria. Very useful yellow border plant, 2 to 3 ft.	.15	.60
Perry's Variety. Light yellow, varies 2 ft. ¼ oz., 45c	.25	1.40
Sancta Johannis. Brilliant yellow flowers about 1½ in. in diameter, borne singly at the termination of straight stiff leafless stems, 9 to 12 in. in length. Definite value for cutting	.25	.....

Unless otherwise quoted we supply ½ oz. at the ounce price and 4 ozs. (of a variety) at the pound price.

AQUILEGIA Longissima Hybrids. Tr. pkt., 50c



AQUILEGIA Mrs. Scott Elliott's Strain

ARABIS Alpina

Seeds of Biennials and Hardy Perennials

AQUILEGIA × (Columbine)	Trade pkt.	Oz.
Alpina. Blue. A beautiful short spurred form, 24 in. ¼ oz., 70c	$0.25	$2.40
California Hybrid. A light yellow, red spur. 3 ft. ¼ oz., 60c	.25	2.00
Canadensis. Native variety, bright red and yellow, 30 in. ¼ oz., 50c	.25	1.80
Chrysantha. Light chrome-yellow, fine, 36 in. ¼ oz., 80c	.35	2 80
Chrysantha Silver Queen. Long-spurred silvery white, 2 ft. ¼ oz., 90c	.35	3.20
Clematiflora. Mixed, Spurless Columbine with beautiful open flowers like Clematis. Contains all lovely pastel shades. 1/32 oz., $1.00	.50	....
Coerulea Blue. × Sky-blue with white corolla. Rocky Mt. Columbine. ¼ oz., 60c	.25	2.00
Coerulea. Mrs. Nicholls. Deep blue and bolder flower than Coerulea blue. ⅛ oz., $1.30	.50	....
Rose Queen. Shades of rose with white corolla, 30 in. ¼ oz., $1.20	.35	4.00
Flabellata Nana Alba. Pure white early flowering 12 inch. ⅛ oz., $1.50	.50	....

AQUILEGIA (Columbine)—Continued	Trade pkt.	Oz.
Longissima. Long spurred delicate yellow. ⅛ oz., $3.00; 1/16 oz., $1.60	$0.50	....
Longissima Hybrids. Very long spurred variety in many attractive shades. 1/16 oz., $2.00	.50	....
Long-Spurred Blue Shades. ⅛ oz., $1.00	.50	....
Copper Queen. Copper-red, straw-colored corolla, 18 in.	.50	....
Crimson Star. Long spurs of rich crimson, the center is white tinged carmine, flowers 3 in. across on 2 ft. stems. ⅛ oz., $2.00; ¼ oz., $3.50	.75	....
Orange and Scarlet Shades. ¼ oz., $1.20	.50	$4.00
Mrs. Scott Elliott's Strain. The blooms are of large size and the spurs very long. The colors range through shades of lavender, mauve, blue, purple, white, cream, yellow, pink, red, etc. ¼ oz., $1.00	.35	3.50
Special Mixture of Long Spurred Varieties. A mixture of superior American and English strains. ¼ oz., $1.00	.35	3.50
Rainbow Mixture of Colorado varieties. Many charming colors of our native Columbine. ¼ oz., $1.00	.35	3.50
Vaughan's Special Mixture. All types. ¼ oz., $1.00	.35	3.60

ANEMONE St. Brigid's Hybrids

ARMERIAS Are Fine for Cutting

ASCLEPIAS Tuberosa

CAMPANULA Persicifolia Single

CAMPANULA Medium Calycanthema

BAPTISIA Australis

Seeds of Biennials and Hardy Perennials

	Tr. pkt.	Oz.
Arabis × Alpina. White flowers in dense masses. 1 ft. ¼ oz., 50c	$0 25	$1.80
Alpina Nana Compacta. White, 8 in. ¼ oz., 70c	.35	2.40
Rosea, Pink. 1 ft. ⅛ oz., $1.00	.35	....
Arenaria Montana. × Makes broad masses of slender foliage 3 to 4 in. deep, which are smothered with large white flowers in late spring, needs sun and well drained soil, 12 in.	.50	....
Armeria × Alpina. Deep rose, 3 in. ⅛ oz., $2.40	.75	....
Bee's Ruby. Deep rosy red flowers. ⅛ oz., $1.35; ¼ oz., $2.50	.75	....
Formosa. Large Flowering Hybrids. 2 ft. ¼ oz., 75c	.35	....
Formosa. Red. 2 ft.	.35	....
Glory of Holland. Giant Pink. The clear, deep, pink flowers of the size of a silver dollar are borne on straight, tall stems of 24 inches high, throughout the summer. Extra fine for cutting. ⅛ oz., $2.00	.50	....
Mauritanica (Cephaloteos) Giant Thrift, rose and white, 2 ft. ¼ oz., 75c	.50	....
Asclepias Tuberosa (Butterfly Weed). Produces umbels of varying orange colored flowers, lovely to cut and last a long time. 24 in. ¼ oz., 80c	.25	....
Asphodelus Luteus. Yellow, fragrant, 3 ft. ⅛ oz., 75c	.25	....
Aster Perennial. Large-Flowering Varieties, mixed ⅛ oz., $1.40; ¼ oz., $2.50	.50	....
Goliath. × Soft blue, largest flowered, fine, 15 in. ⅛ oz., $1.25; ¼ oz., $2.20	.75	....
Amellus Hybridus. Named varieties, finest mixed. 30 in. ⅛ oz., $1.00	.50	....
Farreri. Violet mauve with orange disc	.50	....
Aubrietia. Semi-double Hybrids. Produces 75% large semi-double flowers in all known colors of this family and many new art shades	.75	....
New Giant Flowered. (Monarch strain). All full petalled types equal to the best named varieties. Vastly superior in size and color range to any other strain raised from seed. Highly recommended. 1/16 oz., $1.00	.50	....
Large-Flowered Hybrids. × Lovely dwarf spring blooming plants. Form beautiful cushions of foliage and flowers. 6 in. ¼ oz., 80c	.25	2.80
Deltoidea. × Lilac, 6 in.	.35	....

AUBRIETIA—Continued	Tr. pkt.	Oz.
Eyrii. × Free flowering large blue	$0.35	....
Graeca. Large blue free flowering, 6 in. ¼ oz., 75c	.25	....
Leichtlini. × Large-flowered, rosy purple	.50	....
Purpurea. True deep purple	.50	....
Whitewell Gem. × Glowing rosy purple with slight tinge of blue, 6 in.	.35	....
Auricula. See Primula.		
Baby's Breath. See Gypsophila Paniculata.		
Baptisia Australis (False Indigo). Beautiful racemes of pea-shaped indigo-blue flowers. 2-4 ft.	.15	$0.75
Bellis Perennis × or English Daisy, 6 in. Snowball	.50	....
Monstrosa, Double Pink. 1/16 oz., $1.00; ⅛ oz., $1.80	.50	....
Double Crimson. 1/16 oz., $1.00	.50	....
Double Red. 1/16 oz., $1.00; ⅛ oz., $1.80	.50	....
Double White. 1/16 oz., $1.00	.50	....
Double mixed. 1/16 oz., $1.00; ⅛ oz., $1.80	.50	....
Tubulosa Aetna. Rich deep red	.75	....
Pink. Quilled pink. ⅛ oz., $1.80	.50	....
Glory of Frankfurt. Brilliant dark red	.75	....
Bignonia Radicans (Trumpet Vine). Dark red, orange throat	.15	.75
Bocconia Japonica (Plume Poppy). The plants grow 6 to 7 ft. high and the large finely cut leaves are topped by huge flower spikes, carrying creamy white blossoms. ¼ oz., 50c	.25	1.60
Boltonia Latisquama. Delicate pink, 4-5 ft.	.35	....
Buphthalmum Salicifolium. Yellow, 18 in.	.25	....
Callirhoe Involucrata. × Large crimson flowers, trailing habit, very showy, 6 in. ¼ oz., 85c	.35	3.00

CAMPANULA PERENNIAL SORTS

Carpatica × (Hare Bell). Forms a quickly widening tuft of neat foliage above which are borne on slender, branched erect stems, wide cup-shaped upright blooms of a glistening light violet blue, 9 in.	.50	....
Alba. × White, 9 in.	.50	....
Cullinmore. A lovely hybrid form of Carpatica and other dwarf-growing species. Much more prolific than Carpatica. Its flowers of various shades of blue are produced all summer. Very nice edging plant or for the rock garden	.50	....

Rock plants are followed by ×, and the heights given are of the plants when in bloom.

SHASTA DAISY Alaska

Rock plants are followed by ×, and the heights given are of the planes when in bloom.

CANDYTUFT Sempervirens

CARNATION Grenadin Mixed

Seeds of Biennials and Hardy Perennials

CAMPANULA—Continued	Trade pkt.	Oz.
Garganica. × A compact and tufty plant with pendant flowering branches. The flowers are blue with a white eye. 4 in.	$0 75	....
Lactiflora Coerulea. Light blue, 3 ft. ¼ oz., 50c	.25	$1.80
Latifolia Macrantha. Blue, large-fld., 40 in.	.35	....
Macrantha Alba	.50	....
Persicifolia (Peach Bell) Alba. White, fine, 30 in. ¼ oz., $1.00	.35	....
Coerulea. Blue, 30 in. ¼ oz., $1.00	.35	....
Telham Beauty. Very large bells of China blue, varies, 30 in. ⅛ oz., $1.20	.50	....
Wedgwood. Large flowers of deep violet blue. Will do good in full sun or partial shade. If sprays of buds are cut and put in water, they open to charming flowers which are useful for decorative purposes.	.50	....
Single mixed ¼ oz., $1.00	.35	....
Punctata. 28 in. Plants form rambling foliage mats with flower stalks of varying height from which hang big, pendant bells which are waxen without, downy within. Creamy pink to purple	.50	....
Pyramidalis Alba. White, 5 ft.	.35	....
Blue. Lavender-blue, 5 ft. ¼ oz., 70c	.35	....
Mixed ¼ oz., 70c	.35	....
Rapunculoides. Spires of loosely swung bell-blossoms, beauty for months on end. Variable coloring, from soft blue to deep violet. A row of it becomes a hedge of bloom, and it has perhaps the longest flowering season of any Campanula. ¼ oz., 75c	.35	....
Rotundifolia (Scotch Blue Bell). × Slender branching stems, covered with dainty frail blue flowers. Blooms in July and again in fall, 6-12 in. ⅛ oz., $1.00	.50	....
Perennial Varieties. Mixed ¼ oz., 75c	.35	2.80
Rock Garden Varieties. Mixed	.35	....

CAMPANULA BIENNIAL SORTS

Medium Calycanthema, Cup and Saucer. Dark Blue, Lilac, Rose and White. 36 inch each. ¼ oz., 50c	.20	1.60
Calycanthema Mixed. ¼ oz., 50c	.20	1.60
Single. Canterbury Bell. Blue, Lilac, Rose, White, 36 in., each	.15	.80
Single Mixed	.15	.80
Double Blue. ¼ oz., 70c	.25	....
White. ¼ oz., 70c	.25	....
Rose. ¼ oz., $1.00	.25	....
Mixed. ¼ oz., 65c	.25	....
Double and single mixed. ¼ oz., 40c	.20	1.40
Candytuft × Gibraltarica. 1 ft. Large flowers, lilac shaded to white. ¼ oz., 50c	.25	1.60
Jucunda (Lebanon Candytuft). Dwarf pretty pink, 4 in.	.50	....
Queen of Italy. Dwarf evergreen foliage, rosy lilac, 10 in. ¼ oz., 35c	.20	1.00
Sempervirens, 12 in. White. ¼ oz., $1.20	.50	4.50

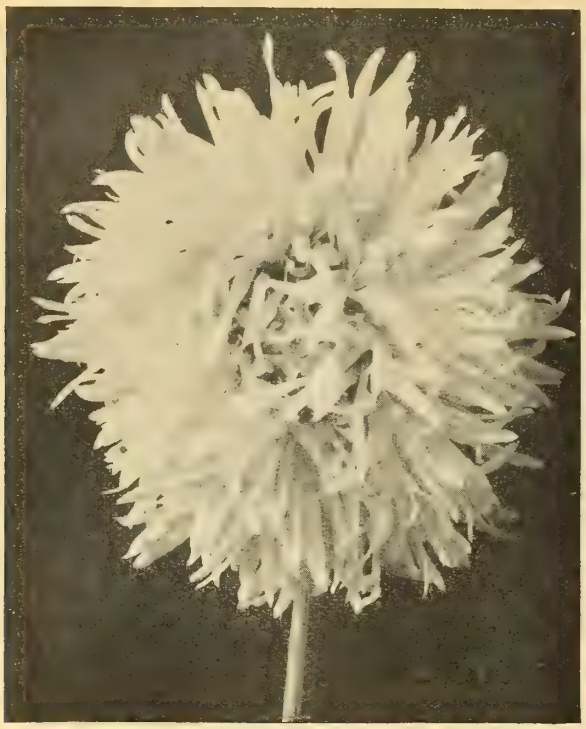
CARNATION

	Tr. pkt.	Oz
Grenadin Golden Sun. Golden yellow. ⅛ oz., $1.40; ¼ oz., $2.50	$0.50	$8.00
King of the Blacks. Darkest red, very fine. 20 in. ⅛ oz., $1.40; ¼ oz., $2.50	.50	8.00
Red. Half high. 20 in. ⅛ oz., $1.40; ¼ oz., $2.50	.50	8.00
Triumph Rose, 20 in. ⅛ oz., $1.40; ¼ oz., $2.50	.50	8.00
White Gold. Soft yellow, new. ⅛ oz., $1.40; ¼ oz., $2.50	.50	8.00
White, 20 in. ⅛ oz., $1.40; ¼ oz., $2.50	.50	8.00
Mixed. ⅛ oz., $1.40; ¼ oz., $2.50	.50	8.00
Vienna Dwarf. Mixed. ¼ oz., $1.00	.50	....
Cassia Marylandica (Indian Senna). Racemes of showy yellow flowers. 30 in. ¼ oz., 40c	.25	1.40
Centaurea Macrocephala. Radiant yellow thistle-like blooms often 4 in. across. 36 in. ¼ oz., 45c	.25	1.50
Montana. Cornflower blue, 24 in. ¼ oz., $1.00	.50	....
Perennial sorts mixed. ¼ oz., 60c	.25	2.00
Cerastium × Tomentosum (Snow in Summer). Silvery white foliage, white flowers. 16 in. ¼ oz., 60c	.25	2.00
Cheiranthus Allionii. Brilliant orange. 16 in. ¼ lb., $1.40	.15	.40
Golden Bedder. Deep golden yellow flowers, sweetly scented, long flowering. ¼ oz., 30c	.15	1.00
Kewensis, Winter-blooming Wallflower. Fragrant flowers, sulphur passing to gold and violet, 30 in. ¼ oz., 75c	.35	....
Linifolius. Lilac. 18 in. ¼ oz., 40c	.25	1.40

CHRYSANTHEMUM

Maximum Conqueror (Victor). Giant flowered white ¼ oz., 30c	.15	1.00
Elder Daisy. Early blooming, smaller flowering than Alaska, but more flowers. ¼ oz., 30c	.15	1.00
Fringed Semi-Double and Double. The plants are extremely vigorous, producing at one time from 25 to 40 feathered fringed blooms. The strong heavy stems support blooms that average from 5 to 8 inches in diameter. A percentage of the plants will produce full double blooms, the balance semi-double and fringed. ¼ oz., 90c	.50	3.00
King Edward VII. White. ⅛ oz., 50c	.25	....
Mrs. C. Lothian Bell. Single white. 3 ft. ⅛ oz., 50c	.25	....

See also Shasta Daisy.



SHASTA DAISY—Diener's Double Giant

DELPHINIUM PACIFIC GIANT HYBRIDS

Seeds of Biennials and Hardy Perennials

CHRYSANTHEMUM—Continued

	Trade pkt.	Oz.
Korean Hybrids. Seed saved from a large acreage of experimental crosses representing a wonderful range of magnificent colors. Large flowering single and semi-double. ⅛ oz., $2.00; ¼ oz., $3.50	$1.00	....
September Jewels. Contain an extra-large number of beautiful colors. The plants grow 1 to 2 feet tall and the flowers measure about 2½ inches in diameter. ..... 1/16 oz., $1.00	.50	....

Clove Pink. See Dianthus Plumarius.

Columbine. See Aquilegia.

Coreopsis Lanceolata Grandiflora. Very large golden yellow flowers, long stemmed, excellent for cutting, ... lb., $3.00	.15	$0.30
Lanceolata Auriculata Superba Diadem. Dark yellow with band of brownish red around disc. 3 ft. ..... ¼ oz., 30c	.15	1.00
Double Sunburst (Double Gold). Large double flowers 1½ to 2 in. across..... ¼ oz., 30c	.15	1.00
Mayfield Giant. Best large deep golden yellow. ..... ¼ oz., 25c	.15	.80
Daisy. See Bellis, Agathea, Chrysanthemum Maximum and Pyrethrum.		
Daisy, Shasta, Alaska. Best white, American-grown, 40 in..... ¼ oz., 40c	.20	1.20
Diener's Giant Double Shasta. Flowers five inches across resemble giant asters, on long wiry stems. Blooms over a period of several months. The first year flowers appear with a high percentage of singles. The second year they act like Pyrethrum Double in that they show practically 100% doubles..1/16 oz., **$1.25**; ⅛ oz., $2.00; ¼ oz., $3.50	.50	.....
Diener's Giant Double Ever-Flowering Shasta Daisy G. Marconi. The largest Shasta Daisy today, the flowers are around seven inches in diameter and stems 2½ to 3 feet long..1/16 oz., $1.00; ⅛ oz., $1.85	.50	14.00

Delphinium

See outside back cover for illustration in color

PACIFIC GIANT (Vetterle and Reinelt). This strain produces plants that are 60 to 65 per cent mildew resistant. The flowers are of immense size, tightly set on straight stems that are strong and whippy. The flowers **do not shatter** and represent a truly outstanding addition to the cut flower market.

Black Knight Series. Deep mid-night violet. The darkest of them all. Flowers of beautiful round form, with heavy velvety texture.

Blue Bird. A clear medium blue with white bee with huge tall spikes.

Blue Jay. Brilliant true medium blue with dark bee.

Cameliard Series. This is a pure lavender self, with white bee.

Galahad Series. Clear white of enormous size, averaging three inches in diameter of individual flowers with very heavy glistening texture.

Guinevere. Light pink lavender self with white bee.

King Arthur. Brilliant royal violet with large white bee.

Lancelot Series. Pure lilac self tone with white bee.

Summer Skies. Clearest light blue with white bee.

Round Table Series. As the name implies, this represents all of the color combinations of the above Knights and their Ladies.

Each of the above, Trade pkt., $1.25; ⅛ oz., $2.50; ¼ oz., $4.00; oz., $14.00.

Pacific Giant. Clear White. Individual florets 2 to 2½ inches in diameter. Well placed on large well balanced spikes. Clear glistening white with heavy texture. Excellent for show purposes. Not Mildew resistant.

Pacific Giant Dark Blue Shades.

Pacific Giant Light Blue Shades.

Pacific Giant Lavender Pastel Shades. Color range from light lavender to deep smoky lavender, generally of two tone combinations with brown or black bees.

Pacific Violet Shades.

Pacific Giant Mixed.

Each of above 6: Trade pkt., $1.00; ⅛ oz., $2.00; ¼ oz., $3.50; oz., $12.00.

Rock plants are followed by X, and the heights given are of the plants when in bloom.

Seeds of Biennials and Hardy Perennials

SWEET WILLIAM Single "Midget" MIXED COLORS

The habit of this Sweet William Dwarf Alpine Mixed is of a ball type, grows from three to four inches tall. The blooms, which almost entirely cover the foliage, are quite large flowered. This little Sweet William should make a wonderful perennial border and pot plant. The color range is from white, chamois, salmon, scarlet, brick red to maroon, with most of the blooms being tri-colored.

Trade pkt., 50c; ¼ oz., $1.40; oz., $5.00.

DELPHINIUM—Continued

	Tr. pkt.	Oz.
Blackmore and Langdon Strain, Mixed. Tall, graceful spikes covered with blooms. All the clear shades of blue with many delightful opaline variations, with bees of contrasting colors.....¼ oz., 90c	$0.50	$3.00
Wrexham Strain (Hollyhock Delphinium). The chief distinguishing features of the "Hollyhock" Delphiniums are the extraordinary length and the tapering and spire-like shape of the spikes; the indescribably rich and varied tints; the very remarkable extension of the flowering period. Mixed..... ⅛ oz., 80c; ¼ oz., $1.50	.50	5.40
Gold Medal Hybrids. Extra choice strain...¼ oz., 50c	.25	1.80
Belladonna. Light Blue, Improved. Light blue, large flowered, strong grower. 4 to 5 ft.....¼ oz., 80c; lb., $35.00	.40	2.80
Bellamosum Improved. Large deep blue flowers, uniform in color with a white bee. 4 to 5 ft.....lb., $35.00; ¼ oz., 80c	.40	2.80
Cardinale. Fine scarlet flowers, yellow center, 30 in .....¼ oz., 75c	.35	2.80
Chinense Album Grandiflorum. White, 36 in. ¼ oz., 35c	.20	1.20
Blue. Gentian blue.....¼ oz., 35c	.20	1.20
Blue Mirror. This Chinese Larkspur has no spurs and it shows its bright navy-blue flowers most effectively by their horizontal position. Height 1½ to 2 feet. May be cultivated as an annual as well as perennial, and is finely suited for cutting purposes, for groups and borders .....¼ oz., $1.00	.50	3.80
Cambridge Blue. Rich belladonna blue...¼ oz., 65c	.35	2.20
Azure Fairy. Soft azure-blue, 20 in.....¼ oz., 35c	.20	1.20
Elatum Hybridum Lamartine. The flowers are a rich, deep blue with a pure white eye. It makes a sturdy, vigorous, healthy plant five feet tall which blooms from June until frost.....⅛ oz., 80c; ¼ oz., $1.40	.50	4.80
Nudicaule. × Brilliant scarlet with peach-red interior, 30 in.....	.35	....

DIANTHUS BARBATUS—Sweet William

Double Blood-red (Atrosanguineus pl.) 20 in. ¼ oz., 50c	.25	1.60
Nigrescens. Almost black.....¼ oz., 50c	.25	1.60
Dwarf Midget Mixed.....¼ oz., 85c	.35	3.00

DIANTHUS BARBATUS—Continued

	Trade pkt.	Oz.
Double Giant Flowered Mixed.....¼ oz., 80c	$0.35	$2.80
Seedlings of all Double Sweet Williams produce about 40 per cent of single-blooming plants.		
Single Blood-red (Atrosanguineus).....¼ oz., 50c	.25	1.60
Special Giant White. Phlox-Flowered. Enormous trusses of bloom. Fine for cutting...¼ oz., 75c	.35	2.40
Homeland. A most unusual color, dark red with large, sharply defined clear white center.....¼ oz., $1.00	.50	3.80
Nigrescens. Very dark, almost black..¼ oz., 40c	20	1.40
Newport Pink Salmon-pink.....¼ oz., 75c	35	2.40
Purple Beauty. Bright deep purple.....	.50	....
Scarlet Beauty. Scarlet.....¼ oz., 75c	.35	2.40
Dwarf Midget Mixed. See illustration on left.....¼ oz., $1.40	.50	5.00
Mammoth Flowered. Single mixed....¼ oz., 75c	.35	2.40
Vaughan's Special Mixture. Double and single of above choice varieties.....¼ oz., 80c	.35	2.80

DIANTHUS PLUMARIUS—Clove Pinks ×

Cyclops. Red Hybrids.....¼ oz., $1.00	.35	3.60
Highland Rose Hybrids Mixed. Beautiful and varied mixture, especially noted for their fragrance and long flowering.....¼ oz., $1.00	.35	3.60
Highland Queen. Bright crimson.....	.50	....
Little Jock Hybrids. The compact plants produce a multitude of pretty fringed flowers, about an inch across, in varied tints of pink, rose and white, mostly with a deep zone, and quite 50% of them are double.....	.50	....
Scoticus Double Special Florist Strain. Self colors of various tints of pink, rose, salmon and white and the same colors in combination with a bright crimson zone. Stems 12 to 15 inches. Blooms 1½ to 2 inches. Free flowering.....1/16 oz., $1.00	.50	....
Spring Beauty. Double giant-flowered carnation-like in form and size and with a beautiful color range. Very fragrant.....¼ oz., 80c	.35	2.80
Single Mixed.....¼ oz., 40c	.15	1.40
Double. Fine mixed.....¼ oz., 80c	.35	2.80
Double Early-Flowering. Dwarf Mixed..¼ oz., $1.00	.35	....
Semperflorens. Double and Semi-Double Mixed.....¼ oz., 60c	.30	2.20
Vaughan's Special Mixture.....¼ oz., 90c	.35	3.20

DIANTHUS PLUMARIUS

DICTAMNUS Fraxinella (Gas Plant)

MYOSOTIS Blue Eyes

DIGITALIS Shirley Hybrids

Seeds of Biennials and Hardy Perennials

DIANTHUS—SORTS

	Trade pkt.	Oz.
Allwoodii. × 18 in. Alpinus. Mixed colors. Glossy leaves, large flowers various shades of pink and rose ..... ⅛ oz., 65c; ¼ oz., $1.20	$0.35	....
Arenarius. Sand Pink. Small white fringed. 8 in. ¼ oz., 80c	.25	....
Barbatus × Chinensis, Mixed (Annual Sweet William). Blooms from seed the first year ..... ¼ oz., 35c	.20	$1.20
Caesius (Cheddar Pink). × Dense tufts of glaucous blue foliage and large fragrant rose-colored flowers ..... ¼ oz., 65c	.25	2.20
Delight. There is a bewildering range of colors, from the palest pink down to the deepest purple; the predominating shades are velvety rich reds; many have the eye of a Sweet William	.35	....
Deltoides Brilliant (Maiden Pink). × Beautiful little prostrate plant, narrow leaves with a profusion of small crimson red flowers ..... ¼ oz., 70c	.35	2.40
Erecta Red ..... ⅛ oz., $1.00	.35	....
Major Stern's Variety. Bright crimson, dark foliage.	.50	....
Mixed. Fine for rock gardens	.35	....
Graniticus. × Carmine. 9 in	.35	....
Knappi. Clusters of clear golden yellow flowers appear above the grassy green foliage ..... 1/16 oz., $1.20	.50	....
Latifolius Atrococcineus plena. A beautiful outdoor Pink, of deep crimson color, semi to full double flowers, borne on stout 15 to 18 in. stem ..... ⅛ oz., $1.00	.35	....
Loveliness. Large laciniated petals of a most exquisite mauve pink, but the most fascinating of all is their delightful fragrance ..... ⅛ oz., $1.20	.50	....
Neglectus × (Glacier Pink). Is about 3 in. high with close tufts of foliage and many very fine salmon pink flowers ..... 1000 seeds, $4.00; 100 seeds, 50c	...	....
Sweet Wivelsfield Single mixed. Especially adapted for perennial borders and rock gardens. Excellent cut flower. 1 ft ..... ¼ oz., 35c	.20	1.20
Sweet Wivelsfield Double mixed ..... ¼ oz., 60c	.25	2.20
Best Rock Work Species Mixed × ..... ¼ oz., 80c	.25	2.80
Winteri. A Pink of striking beauty. Single, bold form, delightful pure colors, fragrant, blooms from seed first year. Compact habit, 9 in., ⅛ oz., $1.25	.50	....
Dicentra Eximia (Plumy Bleeding Heart). Dwarf. 12 in ..... ¼ oz., 80c	.35	3.00
Dictamnus Fraxinella (Gas Plant). Pink flowers with dark veins, 30 in ..... ¼ oz., 50c	.25	1.75
Fraxinella Albus. White, 30 in ..... ¼ oz., 50c	.25	1.75
Mixed ..... ¼ oz., 50c	.25	1.75

DIGITALIS (Foxglove)

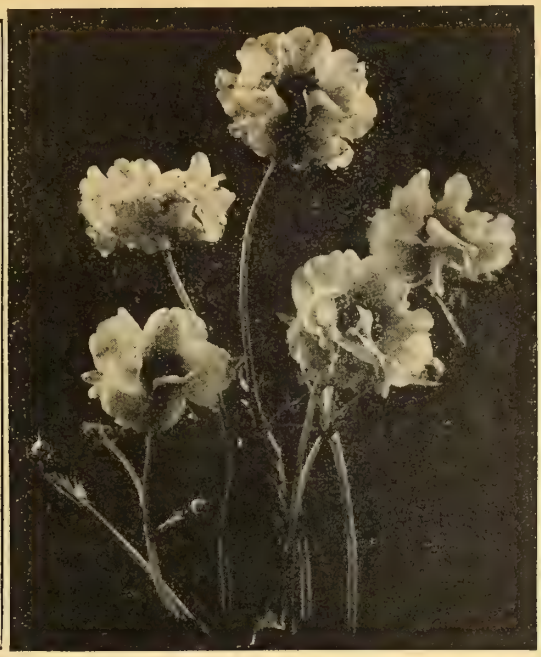
	Tr. pkt.	Oz.
Hybrida Lutzii. Salmon hybrids. 4 ft ..... ¼ oz., 70c	$0.25	....
Gloxiniaflora. Mixed, spotted flowers, 4 ft ... ¼ oz., 50c	.25	$1.60
Purple or Rose ..... each, ¼ oz., 50c	.25	....
Shirley Hybrids. Mixed. Enormous flowers, rich mixture, 6 to 7 ft ..... ¼ oz., 60c	.25	2.20
Grandiflora. Chrome-yellow. Marked with brown. (Ambigua , 36 in ..... ⅛ oz., 60c	.25	....
Laevigata. Bronzy yellow flowers with whitish lip	.35	....
Nevadiensis. It is a small flowered species, long lived and exceedingly floriferous. Blooms are creamy yellow, carried in long graceful wand-like spikes, all blooms drooping on one side	.35	....
Purpurea Monstrosa. Mixed, 3 ft. Long spikes surmounted by one enormous flower ..... ¼ oz., 60c	.25	....
Vaughan's Special Mixture ..... ¼ oz., 60c	.25	2.00

FORGET-ME-NOT × (Myosotis)

Alpestris Blue Eyes. Bright blue with white eye, large, early flowering ..... ¼ oz., $1.40	.35	4.80
Indigo Blue (Royal Blue). 12 in ..... ¼ oz., 95c	.35	3.20
Blue Compacta. Deep blue. ⅛ oz., 90c; ¼ oz., $1.60	.35	6.00
Rosea. 12 in ..... ¼ oz., 80c	.25	2.80
Stricta. Blue Bouquet. A compact, upright grower of the pillar or column type, completely smothered with flowers of bright blue. 1 ft ..... ⅛ oz., 60c	.35	3.60
Victoria. Dwarf globular strain. 8 in.:		
Sky-blue. Excellent variety ..... ¼ oz., $1.40	.35	4.00
Indigo Blue. Fine dark blue	.50	....
Vaughan's Early Blue Bird. An extra early flowering strain of Blue Bird type and color. Should be used exclusively for cutting and valuable for pots or bedding ..... ¼ oz., 85c	.35	3.00
Echinops (Globe Thistle) Ritro. Showy thistle like plants with globular heads of deep metallic blue flowers, which can be dried as everlastings. Grow in clumps in full sun ..... ¼ oz., 60c	.25	2.00
Erinus × Alpinus. Purple, for borders, 6 in	.50	....

Rock plants are followed by ×, and the heights given are of the plants when in bloom.

GAILLARDIA Grandiflora Portola Hybrids



GEUM Mrs. Bradshaw

GERBERA Jamesoni Flowerland Strain

Seeds of Biennials and Hardy Perennials

	Trade pkt.	Oz.
Eryngium Amethystinum. True amethyst-blue thistle with amethyst stems and bracts. Fine for cutting, 3 ft. ¼ oz., 70c	$0.25	$2.40
Giganteum. Silver Thistle. Greenish white	.50	....
Planum. Cornflower blue, globular heads, 4 ft.	.50	....
Euphorbia Corollata (Wild Baby's Breath). Resembles Gypsophila but the flowers are larger and more pronouncedly white. Blooms in midsummer. Valuable for bouquets. Leaves turn a rich wine color in fall. Will stand any amount of drought. 2 ft. ¼ oz., $1.00	.35	3.60
Myrsinites. A prostrate plant with beautiful bluish foliage, heads of yellow flowers. Spring 3 in. ⅛ oz., $1.00	.35	....
Polychroma. The flowers are bright yellow changing to a rosy bronze. 15 to 18 in. 1/16 oz., $1.00; ⅛ oz., $1.80	.50	....

GAILLARDIA Grandiflora

Burgundy. Self colored wine-red, 2½ in. in diameter, on long stiff stems, from June until fall. Comes 60% to 70% true, 30 in. ¼ oz., 65c	.25	2.20
Dazzler. Large flowers, bright golden yellow with rich maroon-red center. 3 ft. ¼ oz., 50c	.25	1 80
Goblin. Very compact globular plants, red and yellow bicolor. ¼ oz., 65c	.25	2.20
Maxima Aurea. Very large golden yellow flowers with large red eye. ¼ oz., 65c	.25	....
Monarch Strain. A robust strain very varied n coloring and with flowers of giant size and perfect form ¼ oz., 50c	.25	1.80
Portola Hybrids. The flowers are very large, of great substance. Color a brilliant scarlet with copper hue. Petals heavily tipped with golden yellow. 2½ to 3 ft. ¼ oz., 50c	.25	1.80
Sungod. The full circular flowers are of a rich golden yellow without a trace of any other color. The large self-colored blooms supported by stout stems above the pale green foliage. ¼ oz., 75c	.35	....
Tangerine. Vivid tangerine orange. ¼ oz., 50c	.25	1.80
The King Regalis. Deep red, edged gold, large flowers ¼ oz., 50c	.25	1.80

GAILLARDIA Grandiflora—Continued

	Trade pkt.	Oz.
Torchlight. Bright golden yellow, rich maroon center. 2 ft. ¼ oz., $1.00	$0.25	....

Gas Plant, see Dictamnus.

Gerbera Jamesoni. New Flowerland strain. A popular greenhouse forcing perennial plant, fine for cutting. New seed is always available, as it is harvested at intervals during the year. 100 seeds, 45c; 500 seed $1.75; 1000 seeds, $3.00	....	....
Geum. Lady Stratheden (Golden Ball). The blooms are large double rich golden yellow. 2 ft. ¼ oz., 60c	.25	$2.00
Mrs. Bradshaw. Large double fiery orange red. 2 ft. ¼ oz., 60c	.25	2.00
Orange Queen. Large double orange-scarlet. 2 ft. ⅛ oz., 65c; ¼ oz., $1.20	.35	4.00
Prince of Orange. True orange. ⅛ oz., 85c	.50	....
Mixed. ¼ oz., 65c	.25	2.20
Globularia Trichosantha (Globe Daisy). Dwarf small globe-shaped flowers of dark blue. 12 in.	.50	....
Gypsophila Mangini. A splendid florist cut flower, strong growing "Pink Baby's Breath." 2 ft. ¼ oz., 60c	.25	2.00
Oldhamiana. Great tangles of airy, misty blossoming in pinks. The florets are slightly more than a quarter of an inch in diameter and possess a white throat. Blooms in fall. The foliage is silvery overcast ¼ oz., 65c	.25	2.20
Pacifica. Starry pink blossoms on branching panicles. Good cut flower. Sept. and Oct. 4 ft. ¼ oz., 80c	.25	2.80
Paniculata Snow-White Double. Pure white double strain. 2 ft. ¼ oz., $1.25	.50	4.40
Paniculata White. Small single white flowers in great profusion, useful for cutting. 40 in. ¼ lb., $1.60	.15	.50
Repens × White flowers, trailer, good border or rock plant. 6 in. ¼ oz., 60c	.25	2.20
Rosea. Pink ¼ oz., 70c	.25	2.40

Rock plants are followed by ×, and the heights given are of the plants when in bloom.

GYPSOPHILA Oldhamiana

LATHYRUS Latifolius

Seeds of Biennials and Hardy Perennials

		Trade pkt.	Oz.
Helenium Bigelowi. Yellow dark disc, for cutting. 20 in.	¼ oz., $1.20	$0.35	$4.00
Riverton Gem. Flowers open as old gold and terra-cotta changing to wallflower red. 3½ ft.	¼ oz., $1.20	.35	4.00
Helianthemum × Mutabile. Mixed Colors. (Rock Rose.) Low-growing evergreen plants forming large clumps, completely covered with bloom during July and August. 8 to 12 in.	¼ oz., 40c	.20	1.40
Heliopsis Laevis Pitcheriana. Deep golden yellow flowers, 2 in. in diameter, very thick texture. Good cut flower. 4 ft.		.35	....
Heuchera × Sanguinea Splendens. Bright vermilion	1/16 oz., $1.20	.50	....
Sanguinea Hybrida Mixed	1/16 oz., $1.00	.35	....
Hoodacres Hybrids. Very vigorous and prolific. The bells much larger than other sorts. The bloom stalks are tall; some have the habit of blooming twice in a season. Wide range of color shades		1.00	....
Hibiscus Crimson Eye. White with red eye. 4 ft.	¼ oz., 35c	$0.20	$1.20
Jumbo Red. Special selection made to improve color and size of Mallow Marvels Red	¼ oz., 50c	.25	1.80
Mallow Marvels. Mixed. 4 ft.	¼ oz., 35c	.20	1.20
Red	¼ oz., 35c	.20	1.20
Rose	¼ oz., 35c	.20	1.20
Hollyhocks. Double.			
Appleblossom			
Chamois (Buff yellow)			
Crimson			
Deep Salmon Red			
Lilac Beauty			
Maroon			
Deep Rose (Carmine rose)			
Newport Pink			
Purple Robe			
Salmon Rose			
Scarlet (Blood Red)			
White			
Yellow			
Each of above	¼ oz., 50c	.30	1.50
Write for special prices on larger amounts.			
Chater's Prize. Double mixed	¼ oz., 50c	.30	1.50
Palling Belle. Lovely silvery pink flowers	¼ oz., 65c	.35	2.20
Special Double Black	¼ oz., 65c	.35	2.20

HOLLYHOCK Chater's Double Mixed

HIBISCUS

LINARIA Dalmatica

Rock plants are followed by ×, and the heights given are of the plants when in bloom.

LILIUM Longiflorum Praecox White Queen

LOBELIA Cardinalis

LUNARIA Biennis

Seeds of Biennials and Hardy Perennials

HOLLYHOCKS—Continued

	Trade pkt.	Oz.
Imperator, Improved ("Begonia Flowered" Crested Mixed). Collar of frilled and fringed edges ¼ oz., 55c	$0.30	$1.80
Souvenir Mixture. Semi-double with notched or toothed edges. Rich yellows and pinks, very pleasing ¼ oz., 50c	.30	1.50
Triumph. Double waved and fringed flowers in delicate art shades ¼ oz., 50c	.30	1.50
Vaughan's Special Mixture includes all Doubles, Imperator, Triumph and Allegheny ¼ oz., 50c	.30	1.80
Single mixed	25	.75
Allegheny. Mammoth-flowering. Semi-double flowers. Mixed ¼ oz., 25c	.15	.70
Everblooming Double Hybrids, mixed. If sown early will bloom first year ¼ oz., 40c	.25	1.20
Indian Spring. It produces flowers of varying attractive bright rose and rosy carmine shades. Double and semi-double. Blooms from seed first year if sown early ¼ oz., 50c	.25	1.60
Hyacinthus Candicans. 3 ft. Large snowdrop-like flowers in long racemes	.20	.60
Iris Dichotoma, August or Vesper Iris. Fragrant flowers on tall branching sprays. In bloom from July to early September. Variable in color, cream to violet purple with markings of buff, orange, copper, brown, mahogany, and rose. Sow seed in early spring while soil is cool. Usually a fair proportion will bloom the first summer ¼ oz., 65c	.35	2.20
Kaempferi. Mixed. Most seedlings bloom the second year. 18 in ¼ oz., 40c	.25	1.40
Isatis Glauca. (Golden Gypsophila). Foliage silvery gray-green. Clouds of fine yellow flowers in July. 2 ft. ¼ oz., 60c	.35	....
Kenilworth Ivy × (Linaria Cymbalaria). Pretty trailing variety. Pink	.35	....
Lathyrus Latifolius (Everlasting Pea). Mixed ¼ oz., 30c	.20	1.00
Latifolius Pink Beauty. Large racemes of pleasing deep rose flowers. 6 ft ¼ oz., 30c	.20	1.00
Red. Magenta. 7 ft ¼ oz., 30c	.20	1.00
White Pearl. Lovely sprays of large sweet pea-like flowers, each spray having 12 to 15 blooms. In flower all summer. 5 ft ¼ oz., 30c	.20	1.00
Lavandula Vera. Munstead Strain. Large sweet-scented flowers in abundance. It flowers a month earlier than the common Lavender; height not exceeding 1 foot, an improved Vera ¼ oz., $1.00	$0.35	....
Vera (True) ¼ oz., $1.00	.35	....
Liatris Pycnostachya. Long spike of brilliant rose-purple flowers. Aug. to Oct. 4 ft ¼ oz., 75c	.30	$2.80
Spicata (Blazing Star). Purple rose, 20 in ¼ oz., 80c	.35	3.00
Scariosa. Violet-purple. 4 ft ¼ oz., $1.00	.35	....
Alba. Is stocky, almost bushy and has several full flowering stalks growing about 2½ ft. high. The flowers are attractive white pompons thickly studding the main stalk as well as the branches ¼ oz., $1.50	.50	5.50
September Glory. 6 ft. spike covered with purple flowers ¼ oz., $1.50	.50	....
Linaria Cymbalaria, × Pink. 3 in	.35	....
Dalmatica. Lemon yellow. 3 ft ¼ oz., 60c	.35	2.20
Macedonica Speciosa. Nymph. Creamy white. 36 in. ¼ oz., 75c	.35	....

Lilies

Culture on Lilies from seed sent free with order.

	Trade pkt.	Oz.
Concolor. Erect fiery scarlet with dark red spots ¼ oz., 65c	.25	2.20
Creole × White Queen Hybrid. A lovely addition to this popular family. The flowers are pure white, longer and larger trumpets of much more substance than White Queen 100 Seeds $1.00	...	....
Formosanum Giant White ⅛ oz., $1.00; ¼ oz., $1.75	.50	6.50

Longiflorum Praecox White Queen. Produces blooms of the well known Erabu type in from 12 to 15 months after sowing. Long trumpet flowers of clear white. ½ trade pkt., 60c; trade pkt., $1.00; ⅛ oz., $1.75 ¼ oz., $3.20; oz., $12.00.

	Trade pkt.	Oz.
Regale. Pink outside, interior primrose-yellow. 3 to 5 ft ¼ oz., 35c	$0.20	$1.20
Tenuifolium (Siberian Coral Lily). Flowers dazzling coral red flowers up and down the stem. 20 in ¼ oz., 40c	.25	1.40
Golden Gleam. Pure golden yellow form of the above ¼ oz., 75c	.35	2.80

LUPINUS Polyphyllus Russell Mixture

MATRICARIA Double Select White

PENSTEMON

Seeds of Biennials and Hardy Perennials

	Trade pkt.	Oz.
Linum Alpinum. × Pale blue. Prostrate habit	$0.50	....
Perenne (Perennial Flax). Very pretty pale blue flowers on slender stems. 30 in.	.15	$0.50
Flavum. Fine variety with transparent yellow flowers. 1 to 2 ft. ¼ oz., 75c	.25	....
Compactum Nanum. × Glowing golden yellow, dark green foliage. Everbloomer, 6 in. 1/16 oz., 70c	.35	....
Lewisii. An exceedingly robust species with great arching sprays of fragrant blue flowers with pale blotches. 2½ ft. ¼ oz., 75c	.35	2.60
Narbonense. Azure blue, flowers with white eye, graceful habit. 30 in. ¼ oz., 75c	.35	2.60
Heavenly Blue. The flowers are twice as large as the common Linum perenne. The color is a luminous ultramarine blue. ⅛ oz., 65c; ¼ oz., $1.10	.35	....
Lobelia Cardinalis (Cardinal Flower). Rich, fiery cardinal flowers. 36 in. ¼ oz., 80c	.25	2.80
Cardinalis Superior Selection	.50	....
Lunaria Biennis. (Honesty). Lilac purple flowers, silvery pod. ¼ oz., 35c	.25	1.20
Lupinus Polyphyllus.		
Albus. Large, pure white spikes. 2 to 3 ft. ¼ oz., 30c	.20	1.00
Carmineus. Carmine shades. ¼ oz., 80c	.35	3.00
Coeruleus Blue. ¼ oz., 30c	.20	1.00
Roseus. Very pretty rose shades. 3 ft. ¼ oz., 80c	.35	3.00
Downer's Hybrids. Perpetual flowering hybrids. ¼ oz., 50c	.25	1.60
Russell. A marvelous selection of Perennial Lupins. Most unusual colors and color combinations; some flowers are self colors and many bicolors, the standard being of one color and the keel of another. The flowerettes are much larger than the other Polyphyllus varieties.		
Grown from originator stock seed. ¼ oz., 60c; ¼ lb., $6.00; lb., $20.00.	.35	2.00
Sunshine Arborous type. Light yellow. ¼ oz., 40c	.25	1.40
Vaughan's Special Mixture. This is a choice mixture of the best perennial Lupins. ¼ oz., 30c	.20	1.00

	Trade pkt.	Oz.
Lychnis Chalcedonica Salmon Queen. Beautiful salmon shade. 3 ft. ¼ oz., 55c	$0.25	$2.00
Chalcedonica. Vivid scarlet flowers. 36 in. ¼ oz., 40c	.25	1.40
Haageana Scarlet. Large brilliant orange scarlet flowers. 18 in. ¼ oz., $1.00	.35	....
Viscaria Splendens. Early, deep rose, 16 in.	.35	....
Lythrum Roseum Superbum. Rose-purple in spikes. A good border plant. 40 in. ¼ oz., 50c	.25	1.80
Superbum, The Beacon. Excellent for moist or wet locations in the border. An English introduction of merit, produce 12 or more 3-foot upright spikes of clear rosy red which last a month or more, and are also good for cutting. ¼ oz., 75c	.35	2.50

Matricaria. (Feverfew). Double Select White (Ball's Double White). This is the one and only fully double-flowering pure white strain of Feverfew from seed. It is 98% true to this description. 18 in. grown outside, 2 to 3 ft. when grown under glass. Trade pkt., 35c; ⅛ oz., $1.00; ¼ oz., $1.75.

	Trade pkt.	Oz.
Matricaria Golden Ball. Striking double golden yellow. 8 in. ¼ oz., 60c	$0.25	$2.00
Snowball. Double white. 8 in. ¼ oz., 60c	.25	....
Myosotis. See Forget-Me-Not.		
Native Wild Flowers. Mixed. ¼ oz., 60c	.25	2.20
Nepeta Mussini. × Neat bushes of small lavender-like foliage covered with terminal spikes of lavender-blue flowers, both foliage and flowers aromatic. 1 ft. ¼ oz., 90c	.25	....
Nierembergia Hippomanica (Coerulea). × The lovely lavender-blue flowers, heightened by a touch of yellow in the center, are most charming. Plants are compact, not over 5 or 6 inches tall. As an edging plant it is unexcelled, and it makes a splendid pot plant. It is a half hardy perennial which will winter over if given some protection. 1/32 oz., $1.00; 1/16 oz., $1.75	.50	....
Coerulea, Purple Robe. Similar to Nierembergia Hippomanica, except several shades deeper blue or violet-blue in color, from which it was selected. 1/32 oz., $1.65; 1/16 oz., $3.00	.50	....

Rock plants are followed by ×, and the heights given are of the plants when in bloom.

Seeds of Biennials and Hardy Perennials

ORIENTAL POPPIES

	Trade pkt.	Oz.
Oenothera. Lamarkiana. Large yellow flowers on long spikes, 2 ft.	$0.15	$0.50
Pentstemon. Digitalis. White tinted violet. 36 in. ¼ oz., 80c	.30	....
Heterophyllus. Blue Gem. × Flowers bright gentian-blue shaded with light violet. June to August, 14-18 in. ¼ oz., 80c	.30	2.80
Grandiflorus. Excellent, easily grown, long lasting cut flower. Lavender-blue. 3 ft. ¼ oz., $1.00	.30	3.60
Ovatus. Base branching plants, with flowers carried in loose clusters well above the foliage. Blossoms of a most attractive lavender, buds a bit deeper color. Foliage is a glorious copper crimson in fall. ⅛ oz., 65c	.30	....
Pubescens. Violet-purple, lips white. 18 in. ⅛ oz., $1.00	.35	....
Perennial Varieties. Mixed. ⅛ oz., 65c; ¼ oz., $1.10	.35	....

POPPY

Cut newly opened flowers either early in the morning or in the late evening and immediately (within five minutes of cutting) burn the ends of the stems at the gas range or electric range for a depth of two inches. Burn them well until the ends are charcoal and glow red when taken from the fire. Then put them in fresh water and your Poppies will last from three days to a week in the house, or you can put them in full sun and they will stand up two or three days, or until the petals drop, without wilting.

	Trade pkt.	Oz.
Papaver Nudicaule × (Iceland). Amurense "Yellow Wonder." Large flowers of buttercup-yellow are freely produced on stems 25 inches long. Foliage is glaucous, covered with short hairs. ⅛ oz., 50c; ¼ oz., 90c	$0.25	$3.20
Coonara. Salmon, pink and rose shades. 1½ ft. ¼ oz., 65c	.25	2.20
The Empress. Flower large, full, well formed, with broad overlapping petals, deeply fluted or wrinkled. The colors range through lovely shades of salmon-rose and creamy pink. ¼ oz., 70c	.25	2.40
The Emperor. Large-flowered, orange, long-stemmed. ¼ oz., 70c	.25	2.40
Gartford Giant Art Shades. This mixture is an excellent strain with exceptionally fine large flowers, beautifully fluted and soft textured, carried on extremely long heavy, wiry stems. The color range includes lovely pastel shades. ¼ oz., 65c	.25	2.20

PAPAVER Nudicaule—Continued

	Trade pkt.	Oz.
Kelmscott Strain. The best strain, strong wiry stems when well grown, 3 ft. long, large flowers in great variety of beautiful colors. ⅛ oz., 60c; ¼ oz., $1.00	$0.35	$3.60
Red Cardinal. 12 in. Brilliant cardinal red. ¼ oz., 65c	.25	2.20
Sanford's Giant Hybrids. The flowers are immense, 2½ to 3 inches in diameter. The color balance is excellent. The stems longest we have seen. Extremely free-flowering. 2 ft. ¼ oz., 65c	.25	2.20
Vaughan's Special Mixture of Iceland Poppies, containing every worthwhile strain of these beautiful and useful Poppies. ¼ oz., 80c	.25	2.80

ORIENTAL POPPY

The named varieties of Oriental Poppies do not come entirely true from seed.

Orientale (Oriental Poppy). Scarlet. 3 ft. ¼ oz., 55c	.25	2.00
Brilliant. Brilliant fiery red. 40 in. ⅛ oz. 80c	.35	....
Beauty of Livermere. Oxblood-red with dark blotch. ¼ oz., $1.20	.35	4.00
Mahony. Maroon-crimson. 40 in. ¼ oz., $1.40	.35	....
Mrs. Perry. Salmon-rose. ⅛ oz., $1.00	.35	....
Perry's White. White flowers with a tinge of blush.	.50	....
Princess Victoria Louise. Flowers rather small, resembling a large tulip; perfect form; light orange-salmon. 40 in. ⅛ oz., $1.00; ¼ oz., $1.80	.50	....
New Oriental Hybrids. From a collection of new named sorts. ¼ oz., $1.00	.35	3.50
Vaughan's Special Mixture. ¼ oz., $1.00	.35	3.50
Phlox. Divaricata. Flowers are of royal blue-lavender which varies a bit. Fragrant. 1¼ ft. ⅛ oz., 80c; ¼ oz., $1.50	.35	....
Physalis Franchetti Gigantea (Chinese Lantern Plant). Large bright orange scarlet pods, useful for winter decorations.	.50	....
Physostegia Virginica Rosy Spire. Three to six foot spikes of large tubular rich rose colored flowers. ⅛ oz., 80c; ¼ oz., $1.50	.50	....
Virginica Vivid. (Obedient Plant). 20 in. It blooms three weeks later than the other Physostegias; the individual flowers are larger and of a deeper, more vivid pink. Seed germinates at intervals over a long space of time. ⅛ oz., 80c; ¼ oz., $1.50	.50	4.50

PLATYCODON

Rock plants are followed by ×, and the heights given are of the plants when in bloom.

PRIMULA Veris Monarch Strain

PHYSALIS Franchetti Gigantea

SINGLE PYRETHRUM
Robinson's Giant Hybrids Mixed

Seeds of Biennials and Hardy Perennials

	Trade pkt.	Oz.
Platycodon Grandiflorum. Blue, 28 in. ⅛ oz., 60c; ¼ oz., $1.00	$0.35	....
Grandiflorum. Album. White, 28 in. ¼ oz., 55c	.25	$2.00
Mixed, 28 in. ¼ oz., 65c	.30	....
Coeruleum Plenum Double Blue ⅛ oz., $1.00	.50	....
Praecox Gigantea. Early-flowering blue. ¼ oz., $1.00	.35	3.60
Gigantea. Early Flowering White. ⅛ oz., 70c	.35	....
Mariesii. Dark blue, dwarf. 16 in. ¼ oz., 80c	.25	3.00
Alba. White and faint blue, dwarf. 16 in. ¼ oz., 80c	.25	3.00
Polemonium Richardsoni. Dwarf, blue, early. 20 in.	.35	....
Polyanthus (See Primula Veris).		
Potentilla Warrensi. A lovely plant for the sunny hardy border. Covered with large, pure yellow blossoms all summer. Suitable for cutting. 2 ft. ⅛ oz., 50c	.25	....
Formosa × Cherry-red. 12 in. ⅛ oz., 50c	.25	....

PRIMULA

Acaulis Blue. The finest obtainable being regular and rich in color. 100 seeds, 65c; 500 seeds, $2.75; 1000 seeds, $5.00	...	....
Auricula. × Extra Large Flowered. Mixed, 6 in. ⅛ oz., $1.80; ¼ oz, $3.20	.75	....
Bullesiana Hybrids. × Fine shades of yellow, orange, apricot and carmine. May-June. 18 in.	.50	....
Bulleyana. Flowers yellow, bud terra-cotta	.50	....
Florindae. Fragrant, bright yellow pendent flowers. 3 to 4 ft. 1/16 oz., $1.00	.50	....
Japonica Mixed. Bright flowers borne in whorls on stems 6 to 9 in. long. ⅛ oz., $1.00	.50	....
Japonica. × Special Strain. Mixed. 20 in. 1/16 oz., 85c	.50	....
Etna. Flowers of a warm terra cotta shade	.50	....
Deep Red, new	1.00	....
Officinalis, Cowslip, yellow. 10 in. ⅛ oz., 75c	.35	....
Sieboldii. The large rich green leaves are crinkled and scalloped and the upright stems bear a quantity of large brightly colored flowers in April and May. 9 in. They also make splendid pot-plants for the cold greenhouse. They vary from pure unmarked white, through the palest pink and deep lavender to cerise. Require partial shade and cool leaf soil 1/16 oz., $1.00	.50	...
Veris Kleynii. Extra long heavy stems, averaging 12 inches, immense heads of 15 to 25 florets, each floret 1 to 1½ inches in diameter, rich golden yellow shaded apricot. Plants average 6 large spikes each. Is also hardy outside anywhere in the U.S.A. 100 seeds, $1.00	...	....

PRIMULA Veris—Continued	Trade pkt.	Oz.
Monarch Mixed. Is the result of years of selection to fix a strain free from objectionable loose headed plants. The flowers are produced from a stiff and strong central stem. Strong and vivid colors are in majority, but soft art shades occur in sufficient number to create a perfect blend of colors. ¼ oz., $5.00	$0.75	....
Grandiflora. Mixed. ⅛ oz., $2.25	.75	....
Giant Bouquet. A magnificent development of this old garden favorite, the flowers being of exceptional size, often 2 inches across. They are produced in great numbers and display an immense variety of coloring from white to cream, yellow, scarlet, purple and crimson. Borne on strong stems they are excellent for cutting, as well as making a splendid show in the garden. 1/16 oz., $2.40	1.00	....
Giant Munstead strain. Light shades. 1/16 oz., $1.20; ⅛ oz., $2.25	.75	....
Vulgaris. × True. Yellow Primrose. 6 in. ⅛ oz., $1.00; ¼ oz., $1.75	.50	....

PYRETHRUM (Painted Daisies)

Roseum. James Kelway. Deep scarlet varies. ⅛ oz., $1.80	.75	$12.00
Single mixed. ¼ oz., $1.75; ⅛ oz., $1.00	.50	5.50
Robinson's Giant Hybrids. Mixed. ⅛ oz., $1.85	.75	...
Giant Dark Crimson. Single large disk-like flowers of rich crimson red, flowers freely, fine for cutting	.75	....

Rock Plants. Perennial Mixed. ¼ oz., 40c	.25	1.40
Rudbeckia Hirta Herbstwald (Autumn tints). Well formed, large starflowers in yellow, bronze and brown shades on long, firm stems. ¼ oz., 40c	.25	1.40
Purpurea (Echinacea). 4 ft. ¼ oz., 85c	.25	2.80
Ruellia Ciliosa. In form and coloring the flowers resemble Petunia Heavenly Blue, with the same silvered sky-blue and lavender reflections. It likes full sun and hot dry places. Sown in very early spring, will often bloom first year. 1 ft.	.35	....
Salvia Azurea Grandiflora (Pitcheri). Tall growth and long stalks. The deep blue flowers in long racemes. ¼ oz., 60c	.25	2.00
Patens. Very large flowers, splendid blue, free bloomer. ¼ oz., $1.40	.50	5.00
Saponaria × Ocymoides Splendens. Rosy pink. Pretty border or rock plant. ¼ oz., 65c	.25	2.20

Rock plants are followed by ×, and the heights given are of the plants when in bloom.

SALVIA Azurea Grandiflora (Pitcheri)

STOKESIA Cyanea

VALERIANA Garden Heliotrope

Seeds of Biennials and Hardy Perennials

	Trade pkt.	Oz.
Saxifraga. Mossy Varieties mixed	$0.50	....
Scabiosa Caucasica Alba. Pure white. 40 in. ¼ oz., $1.00	.35	$3.60
Caucasica Perfecta. Lavender. Improved form, fringed flowers, very large and beautiful ¼ oz., 65c	.30	2.40
House's New Hybrids. Flowers very large and of beautiful form, ranging in color from light azure-blue and lavender to deep blue and silvery white ¼ oz., 90c	.35	3.20
Goldingensis. Large flowers, waved petals, small center, deep lavender ¼ oz., $1.00	.35	....
Vaughan's Special Mixture. All the above Caucasica types ¼ oz., 90c	.35	3.20
Sidalcea Rose Queen. Splendid rose flowers. ¼ oz., 65c	.25	2.20
Rosy Gem. Mallow rose, 18 in.	.25	....
New Hybrids. Mixed	.25	....
Silene Orientalis. × Bright red flowers in terminal umbels. 30 in. ¼ oz., 40c	.25	....
Schafta. × Bright pink, trailing habit, July. 8 in. ¼ oz., 65c	.25	2.20
Statice Latifolia. Small lavender-blue flowers in large panicles. 1 ft. ¼ oz., 60c	.25	2.20
Caspia. Tender lilac color. See illustration. 30 in. ¼ oz., 85c	.25	....
Dumosa. Dense cushions of pure silver-gray flowers; an improved Tatarica. 30 in. ¼ oz., 85c	.35	3.00
Perezii. Free-flowering lavender species, 30 in. ¼ oz., 55c	.25	2.00
Stokesia Cyanea (Stoke's Aster). Large blue flowers, dwarf habit, beautiful late bloomer ¼ oz., 80c	.35	2.80
Cyanea Alba. Blush white variety. 16 in. ⅛ oz., $1.00	.35	....
Sweet William. See Dianthus Barbatus.		
Thalictrum (Meadow Rue). Dipterocarpum. Lovely mauve flowers in large panicles, most charming for cutting. 4 to 5 ft. ⅛ oz., $1.00	.50	....
Thermopsis Caroliniana. Yellow pea-shaped flowers in long racemes. 3 ft. ¼ oz., 65c	.25	2.20
Montana. Dwarf. Pale yellow. 1½ ft. ⅛ oz., 70c	.35	....
Tritoma Hybrida, Perpetual-Flowering. Mixed. 3 ft. ¼ oz., 65c	.25	2.20
Hybrida Mirabilis. Blooms first year from seed ¼ oz., 65c	.25	2.20
Miracle Mixture. Best of all ¼ oz., 85c	.30	3.00
Pfitzer's Hybrids. Large brilliant red ¼ oz., 65c	.25	2.20

	Trade pkt.	Oz.
Trollius (Globe Flower) Ledebouri. Late-flowering, large orange-yellow flowers. 2 ft. ¼ oz., $1.20	$0.50	$4.40
Ledebouri Golden Queen. Large flowers, petals golden orange, yellow anthers. 3 to 4 ft. ⅛ ox., $1.40	.50	....
Mixed ¼ oz., $1.20	.50	4.40
☞Soak Trollius seed in hot water 30 minutes before sowing.		
Tunica × Saxifraga. A very pretty tufted plant with light pink flowers produced all summer ¼ oz., 65c	.35	2.20
Valeriana Alba white (Garden Heliotrope). 36 in. ¼ oz., 65c	.25	....
Rubra (Coccinea). Purple rose. 36 in. ¼ oz., 65c	.25	2.20
Mixed ¼ oz., 65c	.25	....
Officinalis. Heads of rose-tinted white flowers with strong heliotrope odor. June-July. 4 ft. ⅛ oz., 80c	.35	....

STATICE Caspia

Rock plants are followed by X, and the heights given are of the plants when in bloom.

Seeds of Biennials and Hardy Perennials

VIOLA Cornuta. In Flower All Summer.

	Trade pkt.	Oz.
Verbascum Miss Willmott. Large yellowish white flowers. 5 ft. ¼ oz., 55c	$0.25	....
Harkness Hybrids. Immense spikes of pure yellow, tall vigorous habit, splendid variety. 7 ft. ⅛ oz., 50c	.25	$2.00
Olympicum. Silvery foliage, golden yellow flowers. 6 ft. ¼ oz., 90c	.35	....
Phoeniceum Hybrids. Mixed. Graceful spikes in various shades. 2 ft. ¼ oz., 80c	.35	....
Verbena Bonariensis. Upright growing, slender branched stems, numerous terminal umbels of rosy lavender flowers. Germination takes full six weeks unless sown in a temperature of 75 degrees. 3 to 4 ft. ¼ oz., 50c	.25	1.60
Veronica. Incana (Candida). Ageratum-blue, silvery foliage. 12 in. ¼ oz., $1.00	.35	3.60
Longifolia (Maritima). Compact clusters of blue flowers. 30 in.	.35	....
Spicata. Various shades. 1½ ft. ¼ oz., 80c	.35	....
Blue Fay is larger growing than ordinary Spicata, being sort of midway between that and Longifolia subsessilis. It has the shiny foliage instead of glaucous and the color is a good bright blue, with good spikes. ¼ oz., $1.20	.35	4.00
Perennial. Mixed.	.50	....

Viola

In most cases the true Violas are a better bedding subject than many Pansies.

	Trade pkt.	Oz.
Cornuta Apricot. Tinted orange at base. ⅛ oz., $1.00	$0.50	....
Arkwright Ruby. Bright ruby crimson, with central markings; velvety; fragrant. ⅛ oz., $1.20; ¼ oz., $2.20	.35	$8.00
Avalanche. Giant pure white. 1/16 oz., $1.80	.50	....
Bizarre. The two upper petals being pure violet-purple and the lower three clear apricot.	.50	....
Blue Beauty. Bright blue, early, free flowering.	.50	....
Blue Butterfly. Mid-blue shading to white. Resembles Pansy Beaconsfield. ¼ oz., $1.20	.35	4.00
Blue Perfection. Light blue, large flowered. 8 in. ¼ oz., 85c	.35	3.00
Chantreyland. Masses of beautiful flowers in rich apricot shade, tinted orange. ¼ oz., $1.70	.50	6.00

VIOLA CORNUTA—Continued

	Trade pkt.	Oz.
Chinese Blue is a round-faced type of Viola. Chinese Blue, according to the Royal Horticultural Chart, is French Blue. It is the nearest substitute to the famous Viola Maggie Mott. ⅛ oz., $1.00	$0.50	....
Jersey Gem. Compact habit, deep violet-blue. 8 in. Free flowering.	75	....
Ilona. Wine-red.	.35	....
King Henry. Rich violet blue lavender center with small yellow eye. ⅛ oz., $1.00	.50	....
Lutea Splendens. Chrome yellow. 8 in. ¼ oz., 85c	.35	$3.00
Papilio. Blue and white. 6 in. ¼ oz., 85c	35	3 20
Puck. Upper petals purple-velvet, lower clear yellow. ⅛ oz., $1.00	.50	....
W. H. Woodgate. Violet-purple, large, round flowers.	.75	....
Yellow Gem. Compact habit, clear yellow flower. ¼ oz., 85c	.35	3.00
White Perfection. White. Large flowered. 8 in. ¼ oz., $1.25	.35	4 00
Vaughan's Special Mixture. The bright shades of self colors of red, yellow, blue and apricot, combined with many shades which are blotched, undoubtedly make these Violas a supreme mixture. ¼ oz., $1.20	.35	4.00
Large Flowering Scotch. This strain will have large flowers. The color range is from white through all intermediate shades to purple all with two tone effect without blotches.	.50	....
Baby Delight. Early flowering, blooming in 70 days from seed. Makes compact bushy growth. The flower is lovely light blue, with a pleasing "face," about one inch in diameter. ¼ oz., $1.30	.35	4.80

Viola—Various Types

	Trade pkt.	Oz.
Blue Elf. 9 in. The upper petals are deep violet blue, lower petals light violet blue with gold eye and black lines radiating from center, small dark green foliage. Seed sown in March will begin blooming in June and continue to August. ⅛ oz., $1.65; 1/16 oz., $1.00	.50	....
Bosniaca. Free-blooming, small deep purple flowers. 4 in.	.50	....
Florariense. Beautiful lavender. 1/16 oz., $1.00	.50	....
Johnny Jump Up. Little Pansy faces of purple, blue and yellow. ⅛ oz., 80c; ¼ oz., $1.50	.35	....
Nigra (Bowles Black Pansy). Interesting and attractive little pansy, pretty small black flowers. ⅛ oz., $1.00	.50	....

Annual Wallflowers

Their deliciously scented flowers are a worthwhile early Spring crop when grown in a limited way. Seed sown in September and benched in due course will flower about mid-February on to April. They like rich soil and a temperature of 45 to 50 degrees.

Double Annual "Early Wonder." This remarkable Wallflower comes into bloom within five months from sowing. These must be grown in 4-inch flats; they do not like too much root room. 2 ft.

	Trade pkt.	Oz.
Double Annual Early Wonder, Mixed. ¼ oz., 60c.	$025	$2.00
Single Parisian Forcing, mixed. 15 in.	.20	.80
Annual Blood-Red.	.15	.70
Yellow, 20 in.	.15	.70
Yucca Filamentosa (Adam's Needle). Broad, sword-like evergreen foliage, immense branching spikes of drooping creamy white flowers. ¼ oz., 70c	.25	2.40

Rock plants are followed by X, and the heights given are of the plants when in bloom.

Summer Flowering Bulbs FOR WHOLESALE TRADE ONLY

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

DOUBLE BEGONIA

ACHIMENES

AMARYLLIS

Large Flowering Hybrids

One of the finest strains of Amaryllis we have ever seen, raised by eminent growers whose stock and hybridization for many years we have purchased in its entirety. Flowers are immense, borne as a rule four to a stem, in an amazing and beautiful range of colors, blended, splashed and striped in a manner not seen in other strains.

	Doz.	100	1000
2¼-2½ inch	$2.75	$20.00	.....
2½-2¾ inch	3.50	25.00	.....

BEGONIAS

Tuberous-Rooted

Every florist should grow some of these bulbs, as they make showy plants that find ready sales in the spring and summer. Use 4-inch pots and shift later to 5 and 6-inch pots if larger plants are wanted. A compost of one part rotted cow manure to two parts loam and one part leaf mold will give good results. Water sparingly until growth is started. They like a 55-58 degree temperature at night.

	Doz.	100	1000
Single Crispa, Separate Colors:			
Small size	$1.30	$ 8.50	$ 80.00
Medium size	2.30	16.00	157.50
Large size	3.00	22.00	205.00
Double Camellia-flowered, Separate Colors:			
Small size	1.30	8.50	80.00
Medium size	2.30	16.00	157.50
Large size	3.00	22.00	205.00
Carnation-flowered, Separate Colors:			
Small size	1.30	8.50	80.00
Medium size	2.30	16.00	157.50
Large size	3.00	22.00	205.00
Pendula or Hanging Basket Type	2.30	16.00	157.50

CALADIUM ESCULENTUM

(Elephant's Ear)

Sizes			
5 to 7 inch circumference	.80	5.50	50.00
7 to 9 inch circumference	1.50	10.00	90.00
9 to 11 inch circumference	2.00	15.00	135.00
11 to 12 inch circumference	3.50	25.00	.....
12 inch and upwards, very large	5.00	35.00	.....

APIOS Tuberosa

Splendid hardy climber. Color chocolate brown, fragrant. 2-4 bulbs should be planted together at a depth of 3-4 inches. Grows best in loose rich soil ..... .90 6.00 55.00

CALLAS ELLIOTIANA

Yellow. 2 to 2½ inches ..... 2.00 15.00 .....

CINNAMON VINE

Well-known hardy climber; quick grower ..... .60 4.00 35.00

GLOXINIAS

	Doz.	100	1000
Small size	$2.75	$20.00	.....
Medium size	3.50	25.00	.....
Large size	4.50	30.00	.....

HYACINTHUS CANDICANS

Summer Hyacinth. Perfectly hardy and of vigorous growth. Flowers are pure white and pendulous, 4 feet high.

	Doz.	100	1000
1½ to 2 inches	$0.60	$4.25	$37.50
2 inches and up	.95	6.50	60.00

ISMENE CALATHINA

Peruvian Daffodil. Flowers are pure white, borne three or four on a stem, and are very fragrant. Not hardy .. 2.00 15.00 .....

VARIOUS LILIES

Canadense—Meadow Lily. Graceful, drooping, bell-shaped, red and yellow flowers typical of our northern meadows, fine bulbs ..... 1.25 8.00 .....

Phillipinense Formosanum—A very refined and graceful Lily with long grassy foliage, and long wide-mouthed trumpet flowers of the purest white, slightly marked externally with reddish brown. The plants grow to a height of 3 feet or more, are very robust and offer great resistance to wind and weather ..... 2.75 20.00 .....

Regale. White with a pink tinge on outer edges ..... 2.75 20.00 .....

Superbum. Flowers bright orange-red thickly spotted with purple ..... 1.50 10.00 .....

Tenuifolium. The lovely Coral Lily of Siberia. It is the brightest of all lilies. Grows 20 inches high, with finely cut foliage, slender stems and beautifully shaded coral-red flowers. They are so fine for cutting ..... 1.00 7.00 .....

Umbellatum. Colors range from deepest red through all shades of crimson, rose, yellow, buff and apricot; blooms about June 30th. **Mixed.** Large flowers .. 2.00 15.00 .....

MADEIRA VINE

One of the best and most popular climbers for foliage effect.

2 to 3 inches	.60	4.00	35.00
3 inches and up	.80	5.50	50.00

MILLA BIFLORA

Stars. Showy white flowers, two inches in diameter, with six petals not quite separated. The stems are wiry, 12 to 18 inches tall. Very free blooming from July to September. Flowers cut well and have a pleasant Lily-like fragrance. Should be dug in fall, except in milder climates 1.10 7.00 65.00

MONTBRETIAS

They are highly valued for cut flowers. Our mixture contains many bright shades of yellow, salmon, orange and scarlet. They do best in a light loamy soil enriched with leaf mould and a little lime, no manure. Where the ground freezes deeply in the winter, they can be treated as gladioli. But in localities where the ground does not freeze deeply, the usual winter protection may be given, and they will multiply.

	Doz.	100	1000
Regular Mixed	$0.90	$6.00	$55.00
Earlham Large-Flowered Hybrids. Mixed. They are a completely new race, being generally much taller and more robust in growth, and having flowers of great size and beauty, some measuring 3 to 4 inches	1.15	7.50	70.00

OXALIS

Summer-Flowering. Useful little plants, very effective in masses or beds and particularly valuable for edgings. They produce an unbroken row of foliage about one foot high in continuous bloom. Very fine to grow in hanging baskets indoors. The colors are white, red, pink 1.90 16.00

RANUNCULUS

Victoria Hybrids. No. 2 ..... .30 2.00 15.00

TIGRIDIA

Shell Flower of Mexico. Few flowers are more gorgeously colored or so beautiful. Plant in sunny positions in a flower border in well-drained soil. Put a little sand under the bulb.

	Doz.	100	1000
Separate Colors	$0.90	$6.00	$55.00
Mixed	.75	5.00	45.00

TUBEROSES

Well-Cured Bulbs

Our Bulbs are secured from dependable growers who are very careful in selecting the best **Dwarf Excelsior Pearl Type.**

		100	1000
Dwarf Excelsior Pearl	First size, 4 to 6 inches	$6.50	$60.00
	Second size, 3 to 4 inches	3.50	30.00

ZEPHYRANTHUS

One of the prettiest and most easily grown bulbs. Plant in open ground like gladiolus bulbs.

	Doz.	100	1000
Candida White	$0.45	$3.00	$25.00
Rosea Pink	.65	4.50	40.00

RED PHIPPS

DEBONAIR

MAID OF ORLEANS

MARGARET FULTON

Vaughan's Gladioli

The gladiolus situation this year is somewhat better than last year with regard to No. 1 and No. 2 bulbs. However with such a great shortage of labor much of the stock will not be ready to ship before the 15th of January. We also have many early booked orders on file which must get first choice of the stock. We will have a price list available about February 1, 1945. If you are still interested in buying Gladiolus Bulbs please write for this list.

With so much wet weather last year at digging time a great deal of rot developed, especially in Picardy which made good planting stock short with the result that the variety Picardy is short in supply.

ALBATROSS. Clear white. **First size**.....
Second size.....

BAGDAD. Smoky old rose. **First size**.....
Second size.....

BEACON. Salmon-scarlet. **First size**.....
Second size.....

BETTY NUTHALL. Light coral, pale orange throat.
First size.....
Second size.....

BREAK O'DAY. Soft La France pink. **First size**.....
Second size.....

BERTY SNOW. Lavender.
First size.....
Second size.....

CHARLES DICKENS. Violet purple. **First size**.....
Second size.....

DEBONAIR. La France pink. **First size**.....
Second size.....

DR. F. E. BENNETT. Gigantic red. **First size**.....
Second size.....

FLAMING SWORD. Scarlet, early. **First size**.....
Second size.....

FAIREST PEARL. Pure white. **First size**.....
Second size.....

GOLD EAGLE. Tall, deep yellow. **First size**.....
Second size.....

GOLDEN DREAM. Clear, deep yellow. **First size**.....
Second size.....

MAID OF ORLEANS. Milky white, cream throat. **First size**...
Second size.....

MARGARET FULTON. Rose-salmon. **First size**.....
Second size.....

MARY SHARY. Clear soft primrose yellow with a deeper yellow on throat. **First size**.....
Second size.....

MINUET. Large, light lavender. **First size**.....
Second size.....

MISS BLOOMINGTON. Deep lemon-yellow. **First size**.....
Second size.....

PEGGY LOU. Shrimp pink. **First size**.....
Second size.....

PELEGRINA. Deep blue. **First size**.....
Second size.....

PICARDY. Delicate apricot pink.....
Second size.....
Third size.....

RED PHIPPS. Really a pink overland scarlet. **First size**.....
Second size.....

SHIRLEY TEMPLE. Large ruffled cream white.
First size.....
Second size.....

VAGABOND PRINCE. Mahogany brown with flame blotch.
First size.....
Second size.....

WASAGA. Clear apricot, buff throat. **First size**.....
Second size.....

STANDARD MIXED. Not a field grown mixture, but blended thoroughly after harvest. All good, standard sorts. **First size**..
Second size.....

EXTRA FINE MIXTURE

A mixture of fine, popular, higher priced varieties, containing a fine range of colors.
First size.....
Second size.....

DE LUXE MIXTURE

Put up 100 to the bag, to assure a splendid mixture. All high class, superfine varieties.
First size.....
Second size.....

Perennial Plant Specialties

We list and describe below plants of perennials which are much in demand, including most recent introductions. All in strong pot plants or one-year field roots except as noted. Less than 5 at double the rate per 1[illegible] 5 or more at the 10 rate; 25 or more at the 100 rate.

ARTEMESIA Silver King

AQUILEGIA

Dobbie's Imperial Hybrids. A strain with large, long-spurred flowers in strong, brilliant tones of all colors. 10, $2.00; 100, $15.00.

Mrs. Scott Elliott's Strain of Long-Spurred Hybrids. The blooms are of large size and the spurs very long. The colors range through shades of lavenders, mauves, blues, purples, whites, creams, yellows, pinks, reds, etc., with soft pastel tones dominating. 10, $2.00; 100, $15.00.

Long-Spurred Crimson Star. The brightest red Columbine, long spurs and outer petals rich crimson, center petals white. Three-inch flowers on 2-foot stems. 10, $2.50; 100, $20.00.

ARTEMESIA

Silver King. Bright silver-colored stems and foliage are of great value for florists' fillers. Can also be dried for winter use. 10, $2.00; 100, $15.00.

HARDY ASTERS

Frikarti (Wonder of Stafa). Amellus type, blooming from late August till heavy frost. Many large sky-blue flowers on plants 24 in. high. 10, $2.25; 100, $17.50.

Harrington's Pink. First true pink hardy Michaelmas daisy. Large flowers of luminous salmon pink on bushy plants. 3 ft. tall. 10, $2.50; 100, $20.00.

Beechwood Challenger. Erect grower producing brilliant crimson-red flowers; fine for cutting or landscape use. 10, $2.00; 100, $15.00.

Blue Gown. Finest late blue variety. Huge blossoms of deep blue on tall arching stems. Ideal for cutting. 10, $2.00; 100, $15.00.

Palmyra. Medium height; semi-double, pure pink flowers making up into perfect pyramids. 10, $2.00; 100, $15.00.

Red Rover. Flowers are as near pure red as possible. Compact habit, free blooming from Sept. to frost. 10, $2.00; 100, $15.00.

BOLTONIA

Snowbank. This variety grows tall and stands solidly without staking at all. Beautiful snow-white flowers are abundantly produced on strong, erect stems through Sept. and Oct. 10, $2.00; 100, $15.00.

BUDDLEIA

Charming. Long sprays of lavender pink, blooms from August till frost. An ideal cut-flower for summer work. 10, $2.00; 100, $15.00.

Royal Red. Sensational new red. 10, $3.00; 100, $25.00.

Orchid Beauty. Soft cattleya-orchid with a brilliant orange eye. 10, $2.00; 100, $15.00.

Royal Purple. Rich glowing purple, distinctive shade. Bush is completely covered with flowers on stems 3 to 4 feet tall. Principal cutting feature is its resistance to burning. 10, $2.00; 100, $15.00.

Hardy Carnation

Crimson King. 2 ft. Large, fragrant, bright crimson blooms of velvety appearance borne in profusion in June and continuing until heavy frost. 10, $2.00; 100, $15.00.

DELPHINIUM Giant Hybrids

DELPHINIUM

Giant Hybrids. Immense flowers tightly set on strong, whippy stems, the best strain so far produced, for either cut flowers or garden display. Mixed. 10, $2.00; 100, $15.00.

Lamartine. Much superior to Indigo. Tall vigorous plant, many spikes of large indigo blue. 10, $2.00; 100, $15.00.

Improved Belladonna. Best cut flower variety. Pale turquoise blue. Good for forcing. 10, $1.75; 100, $12.50.

DICENTRA (Bleeding Heart)

Spectabilis. Valuable plant for shady positions also much used for forcing. Strong 5 to 8-eye roots. 10, $3.00; 100, $25.00.

EUPHORBIA

Corollata. Tall growing plant, covered from June to August with loose umbels of pretty white flowers; a perfect misty filler when fillers are scarce. Florists find this very valuable when Gypsophilas are off crop. 10, $1.75; 100, $12.50.

GYPSOPHILA

GYPSOPHILA PANICULATA

Bristol Fairy (Double Baby's Breath). Blooms much earlier than Paniculata fl. pl. and produces a second crop of spikes after the first have been cut. Grafted plants. 10, $2.50; 100, $20.00.

HELIANTHUS

Loddon Gold. Double golden yellow Chrysanthemum-like flowers. Aug.-Sept. 4 ft. tall. 10, $2.00; 100, $15.00.

LYTHRUM

The Beacon Imp. Neat spikes of carmine red flowers. Height 3½ ft. 10, $2.25; 100, $18.00.

PENTSTEMON

Firebird. The flowers are foxglove-like in size, on stems about 18 to 24 inches tall, and are a most beautiful ruby-crimson. The plant is easily grown, is free from insect pests, flowers freely, creates a lovely effect in the flower garden, and is a cut flower par excellence. 10, $2.25; 100, $18.00.

Garnet. Of spreading habit and produces a succession of bloom from June until stopped by frost. The Gloxinia-like flowers are a rich garnet color, and are gracefully placed on stems 12 to 18 inches tall. The plants have from six to a dozen spikes continually throughout its flowering season. Flowers are excellent for cutting and last a week or more in water. 10, $2.25; 100, $18.00.

VINCA Minor (Grave Myrtle)

Bowles Variety. A new European form, larger and glossier leaves and flowers. The plant stays in bloom much longer and the flowers are a charming intense shade of periwinkle blue. 10, $2.00; 100, $15.00.

VIOLET

Royal Robe. Lustrous violet blue, very fragrant, opens like pansy. 10, $2.50; 100, $20.00.

Frey's Fragrant. Large single fragrant purple, long stems. Good for outdoors or forcing under glass. 10, $2.25; 100, $18.00.

Flowers to maintain morale are urged by Defense Authorities. Be ready to supply them, when the planting season begins.

ACHILLEA

ANEMONE Japonica

SCABIOSA Caucasica

General List of Perennial Plants

All Perennials Are Furnished in Strong Pot Plants or One-Year Field Roots, except as noted below. Five or more of one variety at the ten rate. Twenty-Five or more at the hundred rate. No orders filled for less than 5, of a variety.

	10	100
ACHILLEA. Boule de Neige. White	$1.75	$12.50
AJUGA. Reptans Pink Spire. Soft pink	2.00	15.00
ALYSSUM. Saxatile Compactum. Dwarf Yellow	1.75	12.50
ANCHUSA. Myosotidiflora. Blue	2.00	15.00
ANEMONE. Japonica. White	2.25	17.50
ANTHEMIS. Moonlight. Yellow 2½ ft.	2.00	15.00
AQUILEGIA		
Crimson Star. Crimson with white corolla	2.50	20.00
Mrs. Scott Elliott's Hybrids. Mixed	2.00	15.00
Dobbie's Hybrids. Originated in Europe	2.00	15.00
ARTEMESIA. Silver King. Silver stems and foliage	2.00	15.00
ASTERS		
Beechwood Challenger. Crimson red	2.00	15.00
Blue Gown. Deep blue	2.00	15.00
Harrington's Pink. True pink	2.50	20.00
Mt. Everest. White	2.25	17.50
Palmyra. Pure pink	2.00	15.00
Red Rover. Rosy Red. 3 ft.	2.00	15.00
Royal Blue. Deep blue	2.00	15.00
Frikarti. Lavender blue	2.25	17.50
BOLTONIA. Snowbank. White	2.00	15.00
BUDDLEIA. Orchid Beauty. Cattleya orchid with orange eye	2.00	15.00
Charming. Best pink	2.00	15.00
Royal Purple. Rich purple	2.00	15.00
Royal Red. Brilliant red	3.00	25.00
CARNATION. Crimson King. Red	2.00	15.00
CATANANCHE. Coerulea Major. Lavender blue	2.00	15.00
CHRYSANTHEMUM (Shasta Daisy) Alaska. Large white, yellow eye	1.75	12.50
Avalanche. Dwarf pure white	1.75	12.50
Diener's Giant Hybrids. Vary from double to single	2.00	15.00
Elder Daisy. Early flowering	1.75	12.50
Mt. Shasta. Sturdy double white	3.50	27.50

HARDY CHRYSANTHEMUMS	10	100
Algonquin. Large bright yellow	$1.75	$12.50
Astrid Good Morning. Pure yellow	2.25	18.00
Autumn Tide. Burnt orange. Early	4.00	30.00
Avalanche. Very large white	2.25	18.00
Brownie. Brick red—1½ inch flowers	3.50	25.00
Burgundy. Double crimson	1.75	12.50
Burma. Glistening bronze	3.50	25.00
Crimson Glory. Bright crimson pompon	2.50	20.00
Cydonia. Rich orange red	1.75	12.50
Dahlia Flower. Deep dark red	2.50	20.00
Early Joan Helen. Semi-double garnet	4.00	30.00
Early Wonder. Delicate pink	3.00	25.00
Eugene A. Wander. Big golden yellow	2.25	18.00
Golden Charm. Golden yellow	2.25	18.00
Harbor Lights. Pale yellow pompon	3.50	25.00
Harvest Moon. Henna—Mid-Sept.	3.50	25.00
Irene. White pompon	1.75	12.50
Jewel. Deep pink	1.75	12.50
King Midas. Soft yellow	1.75	12.50
Lavender Lady. True lavender	2.00	15.00
Little Eskimo. Dainty white	2.50	20.00
Mandalay. Orange bronze pompon	3.50	25.00
Mandarin. Coral salmon. 2 ft. tall	2.50	20.00
Mrs. Pierre S. Dupont III. Soft peach	2.00	15.00
Mrs. Sam P. Rotan. Deep orange	1.75	12.50
Pale Moon. Sulphur yellow	1.75	12.50
Pygmy Gold. Yellow pompon	1.75	12.50
Red Velvet. Velvety crimson	2.50	20.00
Rembrandt. Rosy mauve pompon	3.00	25.00
Ruby Pompon. Ruby crimson	3.00	25.00
Rosy Glow. Raspberry rose	1.75	12.50
September Cloud. Ivory white ball	2.25	18.00
September Bronze. Bronze pompon	2.25	18.00
September Gold. Golden yellow	2.25	18.00
September Dawn. Double pink	2.25	18.00
Sequoia. Korean, amber yellow	1.75	12.50
Silver Tip. Bright double carmine	2.25	18.00
Sunbeam. Buttercup yellow	3.50	25.00
Symphony. Coppery rose	2.00	15.00
The Chief. Scarlet and gold	1.75	12.50
The Moor. Amaranth purple	2.00	15.00
Treasure Trove. Lemon yellow	1.75	12.50

We are able to furnish many items which we are unable to list here. Please ask for quotation on your perennial requirements.

SHASTA DAISY Diener's Giant Hybrid

TRITOMA Pfitzeri

VERONICA (Speedwell)

PERENNIAL PLANTS—Continued

CUSHION MUMS

	10	100
Bronze Gold. Gold tinted with bronze	$3.00	$25.00
Champion. Reddish bronze	2.25	18.00
Commander. Double red	2.25	18.00
De Luxe Red. Bright red	2.25	18.00
Harvest Gold. Golden yellow	2.25	18.00
Major. Salmon pink	2.00	15.00
Marjorie Mills. A fine red	3.00	25.00
Mystery Glorymum. Striking red	2.50	20.00
Yellow Mound. Double golden	2.50	20.00

DEAN KAY MUMS

Dean Kay. Rose pink	2.00	15.00
Dean Ladd. Reddish bronze	2.25	18.00
Yellow Dean Kay. Bright yellow	2.25	18.00

SPOON MUMS

Golden Spoon. Golden yellow	2.25	18.00
Jasper Spoon. Bronze red	2.00	15.00
Orchid Spoon. Clear orchid	2.50	20.00
Pink Spoon. Delicate pink	2.00	15.00
Rose Spoon. Shining rose	2.25	18.00
Silver Spoon. Pure white	2.50	20.00

COREOPSIS. Double Sunburst. Golden yellow	1.75	12.50
Mayfield Giant	1.75	12.50

DELPHINIUM

Belladonna Improved. Light blue. 4 ft. tall. Blooms all summer	1.75	12.50
Giant Pacific Hybrids. Dark blue, light blue, lavender and white. 5 ft. Blooms all summer. Mixed shades	2.00	15.00
Lamartine. Deep blue, white eye. Blooms July to October	2.00	15.00

DIANTHUS

Abbotsford. Deep crimson	1.75	12.50
Bobby. Rose pink	1.75	12.50
Excelsior. Lavender, rose and white	1.75	12.50
Meg. Gardner. White	2.50	18.00
Silver Mine. Pure white	2.00	15.00

DICENTRA. Spectabilis. (Bleeding Heart)	3.00	25.00
DICTAMNUS. Fraxinella	2.25	18.00
DIGITALIS. Giant Shirley Hybrids. Mixed colors	2.00	15.00
EUPATORIUM. Coelestinum. Lavender blue	1.75	12.50
EUPHORBIA. Corollata. White	1.75	12.50
FUNKIA. Undulata Variegata	2.00	15.00
Japonica Aurea Marginata	2.00	15.00
GAILLARDIA. Burgundy. Wine red	2.00	15.00
Grandiflora. Mixed colors	2.00	15.00
GEUM. Mrs. Bradshaw. Orange scarlet	2.00	15.00
Lady Stratheden. Golden yellow	2.00	15.00

	10	100
GYPSOPHILA. Bristol Fairy. Double white	$2.50	$20.00
Rosy Veil. Double pink	2.25	18.00
Bodgeri. Double white	2.50	20.00
HELENIUM. Riverton Gem. Old gold	2.00	15.00
HELIANTHUS. Loddon Gold. Large dahlia-like bright yellow	2.00	15.00

HEMEROCALLIS

Flava. Sweet scented yellow	1.50	10.00
Fulva. Orange crimson shaded	1.50	10.00
Kwanso Fl. Pl. Golden bronze	1.75	12.50
D. D. Wyman. Golden yellow	2.00	15.00
Gypsy. Deep orange	2.00	15.00
Goldeni. Golden orange	2.00	15.00
Lemon King. Lemon yellow	2.00	15.00

HEUCHERA (Coral Bells). Rain of Fire. Bright red.	2.25	18.00
Sanguinea. Scarlet crimson	2.25	18.00
HIBISCUS. Scariosa. Showy purple	2.00	15.00
LINUM. Perenne. Pale blue	1.75	12.50
LOBELIA. Cardinalis. Scarlet	2.00	15.00
LYTHRUM. The Beacon. Carmine red	2.25	18.00
MATRICARIA. Dwarf Snowball. White	1.75	12.50
Golden Ball. 10 inch	1.75	12.50
MONARDA. Dahliatown Orchid. Orchid pink	2.00	15.00
Mrs. Perry. Rose scarlet	2.00	15.00
PACHYSANDRA. Japanese Spurge	1.50	10.00
PENTSTEMON. Garnet. Rich red	2.25	18.00
Firebird. Ruby crimson	2.25	18.00
PHLOX. Mixed. 2 year No. 1	1.60	11.00
PHLOX SUBULATA. Dixie Brilliant. Rose red	2.00	15.00
Vivid. Pink with red eye	2.00	15.00
PHYSOSTEGIA. Rosy Spire. 3 ft. to 3½ ft.	1.75	12.50
PLATYCODON. Mixed Only	1.75	12.50
PLUMBAGO. Larpentae. Deep blue	2.00	15.00
POLYGONATUM. Multiflorum	2.25	17.50
POTERIUM. Obtusum	1.75	12.50
PRIMULA. Veris Kleynii. Rich golden yellow	2.50	20.00
Veris Hybrids. Mixed	2.00	15.00
RUDBECKIA. Golden Glow	1.75	12.50
The King. Rose with brown disc	2.25	18.00
SCABIOSA. Caucasica. Soft lavender	2.00	15.00
STOKESIA. Blue Moon. Silvery blue	2.00	15.00
TRITOMA. Pfitzeri. Rich orange	2.25	18.00
VERONICA. Longifolia Subsessilis. Deep blue	2.00	15.00
VINCA MINOR. Bowles Variety. Blue	2.00	15.00
VIOLET. Frey's Fragrant. Rich purple	2.25	18.00
Princess of Wales. Deep purple	2.00	15.00
Rosina. Soft pink	2.00	15.00
Royal Robe. Deep violet blue	2.50	20.00

CARNATION—Rooted Cuttings

ORDER EARLY

WHITE

	Per 100	Per 1000
Arundel	$12.00	$100.00
Olivette	8.50	75.00
Peace	8.50	75.00
Puritan	7.00	60.00
White Maytime	8.50	75.00
White Peter Fisher	8.50	75.00

LIGHT AND SALMON PINK

Blush Fisher	8.50	75.00
Giant Fisher	10.00	80.00
Giant Laddie	12.00	100.00
Hercules Virginia	15.00	125.00
Maytime	8.50	75.00
Peter Fisher	8.50	75.00
Rose Caress	10.00	80.00
Salmon Virginia	12.00	100.00
Virginia	8.50	75.00

MEDIUM AND DARK PINK

Dark Pink Fisher	10.00	80.00
John Briry	8.50	75.00
Dark Pink Maytime	8.50	75.00
New Deal Ward	7.00	60.00
Virginia Miller	15.00	125.00
*Rosalie	20.00	150.00
Virginia Rose	8.50	75.00

RED

	Per 100	Per 1000
Barbara Farr	$8.50	$75.00
*King Cardinal	12.00	100.00
*Tom Knipe (New)	20.00	150.00
*Charm	20.00	150.00
*Seth Parker	20.00	150.00
Woburn	8.50	75.00

YELLOW

Maine Sunshine	8.50	75.00
Millers Yellow	15.00	125.00

MISCELLANEOUS

Barbara Brigham	8.50	75.00
Golden Wonder	8.50	75.00
Lochinvar	8.50	75.00
Headford	12.00	100.00
Pelargonium	12.00	100.00
Scarlett King	12.00	100.00
Silverlyn	8.50	75.00

*Patented.

25 to 250 at the 100 rate. 250 or more of one variety at the 1000 rate. No shipment less than 100.

Delivery of plants ordered from this catalogue will be made in February, and orders will be filled in rotation as long as the supply lasts. Since labor shortage limits production it may not be possible to fill all. Plants are of top quality, grown by experts.

Vaughan's Cannas

In our list of sorts will be found all the good old standard kinds and many of the best novelties, the inferior kinds being discarded every year as the merits of the newer ones are proven. Cannas are becoming more popular. The new varieties with large flowers in new colors are unequalled for creating a colorful show from July to frost. They do best in full sun and respond quickly to feeding.

Price for Dormant Roots up to APRIL 1st. All have green foliage unless otherwise specified· 25 at 100 rate; 250 at 1000 rate. Not less than 50 sold wholesale.

CANNAS

	Per 100	Per 1,000
King Humbert. 4-FT. SCARLET FLOWERS, BRONZE LEAVES, GREATEST FAVORITE TODAY. This remarkable "Gold Medal" Canna has been the sensation of the past nine years. It is a cross between the orchid-flowering and the French or Crozy type, combining the best features of both, the large flowers of one with the free-blooming character of the other, and the handsome broad, tropical foliage. Dormant roots	$6.50	$60.00
Yellow King Humbert. 4 feet. An orchid-flowering sport of the well known variety King Humbert. Has the same habit of growth as its parent; foliage a very dark green, with flowers measuring 5 to 7 in. across; individual petals 3 to 3½ in. in diameter. Color of flower a deep rich yellow, softly spotted and blotched with bright red. Some plants will occasionally give a scarlet or scarlet-striped flower, which we consider an improvement rather than a defect. Dormant roots	6.50	60.00
The President. 4 ft. In color a rich glowing scarlet with immense rounded flowers seven inches across when fully open, produced on strong, erect stems well above the large green foliage. Free-bloomer and strong grower. Dormant roots	6.50	60.00
Dorothy S. A new dwarf, continuous flowering, clear salmon red canna. A sport of President. Produces large flowers and grows 4 ft. tall. Very vigorous and drought-resistant	8.00	70.00
Florence Vaughan. Giant flowers of vivid golden yellow sprinkled with fine red dots, borne on strong 4 foot stems. Green foliage	8.00	70.00

Choice Varieties

	Per 100	Per 1,000
COPPER GIANT. 3½ ft. Much admired in our Western Springs planting. Large attractive blooms of a coppery madder red in big clusters on stout stems; green foliage. Exceptionally free-flowering and stocky growth. If you do not know this variety, give it a trial	$8.00	$70.00
EUREKA. 4 ft. Remarkably free-flowering variety, and with its striking white flowers which first appear cream, makes a very effective show in conjunction with a good scarlet such as King Humbert. Dormant roots	11.00	100.00
CITY OF PORTLAND. 3½ feet. Very compact, almost dwarf, and luxuriant growth. Leaves bluish green, never burn. Flowers pink. Dormant roots	6.50	60.00

PENNISETUM CUPREUM

Dark bronze Fountain Grass much used for bordering Canna Beds; also makes a good cut flower. Does not grow from seed. No shipments before May 15th.

2½-inch pot plants . . . . . **$2.75** doz.; **$18.00** per 100

Cannas are becoming more popular. The new varieties with large flowers in new colors are unequalled for creating a colorful show from July till frost. They do best in full sun and respond quickly to feeding.

Number of Cannas required for round beds planted eighteen inches apart each way: Seven feet—19 plants, one for center; six for first row; twelve for second row. Ten feet—37 plants, one for center; six for first row, twelve for second row, eighteen for third row. Thirteen feet—61 plants, one for center; six for first row, twelve for second row eighteen for third row, twenty-four for fourth row.

POINSETTIAS

STOCK PLANTS. Albert Ecke, Variegated Ruth Ecke, Ecke's White, $80.00, $60.00, $50,00, $35.00, per 100.

Mrs. Paul Ecke, Oak Leaf, Ruth Ecke, Barbara Ecke, St. Louis, Early White, Pink, Hollywood, $65.00, $50.00, $35,00, $25.00, per 100.

On orders placed after January 1st, a 10% packing charge will be added.

Orders must be placed early. Prices are f.o.b. Chicago only on orders placed early. Write for quotations on 2¼ inch plants for August and September delivery.

Greenhouse Plant Department

CALADIUMS—Vaughan's Special Fancy-Leaved

Choice dormant bulbs for January and February delivery. Large variety named sorts. This is one of the most decorative plants for greenhouse growing, window boxes or show plants. Rich, ornamental leaves, handsomer than Begonias; marbled, veined and striped with white, pink and dark red.

Our mixture of named sorts is probably the best to be had. We have graded them especially for good size bulbs of the finest varieties.

We find an increasing demand for caladiums; pot plants sell readily from early spring until late summer.

FANCY-LEAVED CALADIUM

	Doz.	100	1,000
Rainbow Mixed	$2.50	$15.00	$140.00
Named Varieties. Our selection	2.50	17.00	150.00
Named. Your selection of varieties	2.75	19.00	160.00
Unusual and rare varieties. All named	3.00	20.00	170.00

AFRICAN VIOLETS

Saintpaulia

Blue Boy. 2¼ inch	$20.00	.....
The following two varieties sold under license agreements.		
Blue Girl. Sport of Blue Boy of same color but improved growth. 2¼ inch	25.00	.....
Pink Beauty. A pink Sport of Blue Boy. (No shipments less than 100). 2¼ inch	25.00	.....

ASPARAGUS Plumosus Nanus or Sprengeri

	Per 100	1,000
Seedlings	$2.00	$18.00
2¼-inch	6.50	60.00

AZALEAS

For Growing On Fall and Spring delivery. **Coral Bell, Hexe, Lorraine, Salmon Beauty, Hino, Snow, Pink Pearl, Sweetheart Supreme.**

	Per 1000
Rooted Cuttings	$ 50.00
Transplants—strong 3-5 branched plants	100.00
Transplants—heavy 5-10 branched plants	125.00

Larger Sizes for Growing On Spring Delivery. Same Varieties as Above.

	Per 100
3"- 5"	$ 20.00
4"- 6"	30.00
6"- 8"	50.00
8"-10"	75.00
10"-12"	100.00

Budded Dormant Stock. Well grown, heavy budded plants for September, October delivery. Same Varieties as Above.

No more than 35% of order to be filled with Coral Bells.

	Per 100
4"- 6"	$ 50.00
6"- 8"	75.00
8"-10"	100.00
10"-12"	130.00
12"-14"	175.00

10% charge for stock held after November 1.
Write for quotation on special prepared Christmas blooming stock.

BEDDING PLANTS FOR SPRING

No RC orders less than 100

	100	1000
AGERATUM Cardinal Mundelein. Deep blue. Dwarf, bushy. Rooted Cuttings	$2.00	$18.00
Riverside Imp. Dwarf, large head of bloom. Rooted Cuttings.	2.00	18.00
Purdue Pride. Dwarf. Rooted Cuttings	2.00	18.00
Purple Beauty. Dwarf. Rooted Cuttings	2.00	18.00
LANTANAS. All the best colors 2¼". **Write for Prices.**		
VERBENA. Schlosser's Pride, Schlosser's Rose, Schlosser's Orchid, Scarlet King, Mayflower, Helen Wilmott, Lavender Glory, Royal Purple, White, Beauty of Oxford, cerise, Beauty of Oxford, pink, Beauty of Oxford, scarlet, Beauty of Oxford, lavender		
Rooted Cuttings	2.25	20.00
2¼"	5.50	50.00

BEGONIA

Standard Varieties. 2¼-inch	9.00	85.00
Lady Mac and Marjorie Gibbs. 2¼-inch. **Write for Prices.**		

CALCEOLARIAS

	100	1000
Rosacker's Varieties, 2¼-inch	$16.00	$150.00
Pink Beauty, Stewartii, Pure Flame, Cherry Queen and other hybrids	20.00	.....

CINERARIAS

Cremer's Prize Mixture. 2¼-inch	9.00	85.00

CYCLAMEN

Write for quotations on the sizes that you require.

DAISY

Boston Yellow Improved. 2¼-inch	8.50	80.00
Boston Yellow Improved R. C.	4.00	35.00
Nicholson White. 2¼-inch	8.50	80.00
Nicholson White R. C.	4.00	35.00

DISH GARDEN PLANTS

Write for special quotations on succulents, cacti and small plants.

FERNS

	100	1000
Table Ferns. Ass't varieties, seedlings	$4.50	$40.00
Boston Ferns. Write for prices.		

FUCHSIAS

Write for Quotations on Standard Varieties.

GERANIUMS

	25	100	1000
Lady Esther. A distinctive new seedling of great merit. It is a good grower, which blooms early and profusely. It propagates easily. Its foliage is well marked and the cream colored main stem, leaf and flower stems make a striking contrast with the medium dark red flowers	$5.00	$12.00	$115.00
Brooks Red (Lady Jane)	3.50	10.50	100.00
Standard Varieties	3.00	9.50	90.00

HYDRANGEAS FOR FORCING

Dormant plants ready November and December.
Rooted Cuttings and small pot plants for spring delivery. Write for prices.

		Rooted cuttings.	2-inch	3-inch
Regula, Norwood, Strafford	per 100	$20.00	$30.00	$40.00
Altoona, Hamburg, Kunert, Rosabelle, Europa	per 100	12.00	18.00	25.00
Ami Pasquaar, Louis Savage	per 100	10.00	15.00	20.00
G. Glahn, Goliath, M. Baardse, M. Foch and others	per 100	6.00	10.00	18.00

DOUBLE PETUNIAS

	100	1000
New Rosalie 2¼"	$15.00	$140.00

PELARGONIUMS

Azalea	Springtime	German Glory
Edith North	Lucy Becker	Gardener's Joy
Orchid Edith North	Lavender Queen	Easter Greeting
Marie Vogel	Santa Monica	Mrs. Layal
Grossmama Fisher	Edith Cavell	Beverly Hills
Mackensen	Mrs. Mary Bard	MacKay No. 2
Salmon Springtime	MacKay No. 10	Mrs. F. Bachler
Diener's Giant	Pink Vogel	MacKay No. 12

2 inch	100, $14.00;	1000, $135.00
3 inch	100, 19.00;	1000, 185.00

Prices are F.O.B. Shipping Point.

We assume no transportation risk after shipping in good order. Should customers have any cause for rejecting plants, we would suggest that they be accepted under protest, and particulars telegraphed us at once.

Soft plants are not shipped to distant points by freight.

Billing—50 of any one variety at the 100 rate; 250 at the 1000 rate, except as noted.

Packing will be charged on all orders at cost.

No C. O. D. Shipments.

All foregoing prices subject to change without notice.

BITTERSWEET

TRIANON

RIVIERA

Vaughan's Chrysanthemum Rooted Cuttings

NOTE

Propagation of chrysanthemum rooted cuttings will be resumed on a normal basis for 1945. A larger supply is available and all orders will be accepted in full quantity. We suggest that orders be placed early. As usual, consideration for shipment shall be determined by date received.

TERMS OF SALE

1. **50 OF A VARIETY** is the minimum that can be supplied.
2. More than 50 of a variety must be in **MULTIPLES OF 50.**
3. The **MINIMUM TOTAL ORDER** that will be accepted is 250 cuttings.
4. The rate per 1000 applies to all orders regardless of size.
5. Unrooted cuttings are available at $10.00 per 1000 less than rooted cuttings.
6. Varieties **RIVIERA, VESPER, SUNNYSIDE** and **REVELATION** are sold under **contract agreement only.** The purchaser of these varieties agrees to the following conditions:
   a. Not to propagate in any manner.
   b. To grow and/or sell these varieties as **Cut Flowers only.**
   c. To discard and destroy all stock after blooms have been cut from said plants.
   d. Contract forms will be supplied and must be signed and returned before shipments are made.
   e. Price for rooted cuttings, $50.00 per 1000

1945 NOVELTIES

Riviera. A luminous pink decorative pompon. Blooms December 10. The spray resembles that of Snow, being extremely rigid and well branched. **$50.00** per 1000.

Vesper. Glistening white pompon. Combines the flower quality of Rev. Bushnell and the free growth and high production of Sea Gull. **$50.00** per 1000.

Sunnyside. Clear brilliant yellow pompon. A round, hard flower that will ship and handle without bruising or other damage. **$50.00** per 1000.

Revelation. A clear white pompon that blooms as late or later than Snow. A good variety for Xmas and later production. **$50.00** per 1000.

Trianon. Crimson bronze pompon. Matures November 12. Easy to grow and produces a good quantity of perfectly rounded blooms of excellent form and substance. **$125.00** per 1000.

Bittersweet. A beautiful medium sized bittersweet red daisy, blooming normally November 8th. Responds well to black cloth treatment. **$125.00** per 1000.

Navaho. Color is deep crimson or reddish bronze under early shading. A medium sized pompon that is at its best when grown soft. **$60.00** per 1000.

Apricot Valencia. A beautiful apricot or rosewood buff sport from Dark Pink Valencia. The color is distinctly new in this group and a favorite with retailers. **$60.00** per 1000.

Sylvanna. A single medium size orange bronze with outstanding brilliance that does not fade. Blooms November 10. Excellent keeping qualities. **$100.00** per 1000.

Bronze Goldsmith. A beautifully blended orange and Brazil red sport from Goldsmith. Provides a much sought after color. Blooms late November. **$100.00** per 1000.

LARGE FLOWERING COMMERCIAL VARIETIES

YELLOW

Name and Description	Matures	Price per 1000
†**Gold Lode.** Light golden yellow. Int. reflexed	Oct. 1	$37.50
Golden October. Deep lemon yellow. Int. semi-incurved	Oct. 10	37.50
Celestra. Lemon yellow. S. incurved	Oct. 15	37.50
†**Mrs. H. E. Kidder.** Deep lemon yellow. L. incurved	Oct. 20	37.50
Yellow Ambassador. Light lemon yellow. Sport from Ambassador. L. incurved	Oct. 23	37.50
†**Blazing Gold.** Deep golden yellow. Int. incurved	Oct. 25	37.50
Sunglow. Golden yellow. L. incurved	Oct. 25	37.50
†**Smith's Superlative.** Deep golden yellow. Int. semi-incurved	Oct. 25	37.50
Citronella. Light buff yellow. Int. incurved	Oct. 28	37.50
Yellow Albatross. Light lemon yellow. Sport from Albatross. L. incurved	Oct. 28	50.00
Saratoga. Bright golden yellow. L. semi-incurved	Nov. 1	50.00
†**Golden Glory.** Golden yellow. Int. semi-incurved	Nov. 1	37.50
Good News. Deep lemon yellow. Sport from Detroit News. Int. incurved	Nov. 1	37.50
Yellow Turner. Light yellow. L. incurved	Nov. 5	50.00
†**Cardonia.** Deep golden yellow. Int. incurved	Nov. 10	37.50
Penrod. Golden yellow. Int. incurved	Nov. 10	50.00
Whittier. Lemon yellow. L. incurved	Nov. 13	37.50
Yellow Monument. Light lemon yellow. Sport from Monument. L. incurved	Nov. 15	37.50
†**Honey Dew.** Lemon yellow. Int. incurved	Nov. 15	37.50
Yellow Mefo. Lemon yellow. L. incurved	Nov. 20	37.50
†**Bonnaffon DeLuxe.** Golden yellow. S. incurved	Nov. 20	37.50
†**Friendly Rival.** Deep chrome yellow. L. incurved	Nov. 20	37.50
Marie Depetris. Deep golden yellow. L. incurved	Nov. 23	37.50
†**Sun God.** Lemon yellow. Int. semi-incurved	Nov. 25	37.50
Golden Pearson. (Leroy Zang.) Light golden yellow. Sport from Gladys Pearson. Int. incurved	Nov. 25	37.50
Improved Yellow Chattanooga. Light lemon yellow. L. incurved	Nov. 25	37.50
Golden Mrs. Ross. Golden yellow. L. incurved	Dec. 3	37.50
Golden Mistletoe. Light golden yellow. L. incurved	Dec. 10	37.50
Meteore. Lemon yellow. Int. semi-incurved	Dec. 10	100.00
Improved Tobin's Late Yellow. Deep lemon yellow. Sport from Tobin's Late Yellow. Int. semi-incurved	Dec. 15	37.50

WHITE

Smith's Early White. Int. semi-incurved	Oct. 5	37.50
Quaker Maid. White, tinged with pink. Int. reflexed	Oct. 15	37.50
Silver Sheen. Int. incurved	Oct. 18	37.50
†**Christina.** S. incurved	Oct. 20	37.50
Ambassador. Cream white. L. incurved	Oct. 23	37.50
Albatross. L. incurved	Nov. 1	37.50
Snow White. Int. incurved	Nov. 1	37.50
Betsy Ross. Ivory white. L. incurved	Nov. 1	37.50
William Turner. White. L. incurved	Nov. 5	50.00
†**Indianapolis White.** Int. incurved	Nov. 8	37.50
Monument. Ivory white. L. incurved	Nov. 15	37.50
†**Marketeer.** Int. semi-incurved	Nov. 18	37.50
Mefo. Ivory white. L. incurved	Nov. 20	37.50

†—Suitable for pot culture.

Vaughan's Chrysanthemum Rooted Cuttings

LARGE FLOWERING COMMERCIAL VARIETIES, WHITE—Continued

Name and Description	Matures	Price per 1000
†**White Frick.** White suffused with pink. Sport from Helen Frick. Int. incurved	Nov. 25	$ 37.50
Chattanooga. L. incurved	Nov. 25	37.50
December Glory. Ivory white. Int. incurved	Dec. 1	37.50
December White. Int. incurved	Dec. 5	100.00
Improved December Beauty. Sport from December Beauty. L. incurved	Dec. 8	50.00
White Mistletoe. Int. incurved	Dec. 10	37.50
Smith's Late White. Ivory white. Int. semi-incurved	Dec. 15	37.50

BRONZE AND RED

Indianola. Light reddish bronze. Int. semi-incurved	Oct. 10	37.50
Hilda Bergen. Dark reddish bronze. S. incurved	Oct. 25	37.50
Cambria. Golden bronze. Int. incurved	Oct. 25	50.00
†**Alameda.** Reddish bronze with buff reverse. Int. incurved	Oct. 25	50.00
†**Glitters.** Deep reddish orange. Int. reflexed	Oct. 28	37.50
†**Apricot Queen.** Orange bronze. Int. incurved	Nov. 1	37.50
Detroit News. Reddish bronze with buff reverse. Int. incurved	Nov. 1	37.50
Bronze Turner. Light bronze. L. incurved	Nov. 5	50.00
†**Indianapolis Bronze.** Buff bronze suffused with pink. Int. incurved	Nov. 8	37.50
Bronze Orchid Queen. Apricot buff. L. incurved	Nov. 10	50.00
Anaconda. Deep coppery red with golden bronze reverse. Int. incurved	Nov. 15	60.00
Mrs. David F. Roy. Crimson with deep buff reverse. Int. incurved	Nov. 15	50.00
†**Mrs. A. J. Stahelin.** Reddish bronze. Int. incurved	Nov. 15	50.00
Garnet King. Dark red. Int. reflexed	Nov. 18	50.00
Gladys Pearson. Light buff bronze. Int. incurved	Nov. 25	37.50
Oak Leaf. Reddish bronze. Int. incurved	Nov. 25	37.50
†**Bronze Frick.** Light bronze, suffused with pink. Sport from Helen Frick. Int. incurved	Nov. 25	37.50
†**Harvard.** Deep red. Int. reflexed	Nov. 30	37.50
Mohawk Chief. Deep red. Int. reflexed	Nov. 30	50.00
Bronze Mistletoe. Buff bronze suffused with pink. Int. incurved	Dec. 10	37.50

PINK

†**Early October.** Light lavender. S. semi-incurved	Oct. 10	100.00
Pink Chief. Lavender. Int. incurved	Oct. 15	37.50
†**Justrite.** Light rose pink. S. incurved	Oct. 15	37.50
Major Ed. Bowes. Deep lavender. Int. incurved	Oct. 20	37.50
October Rose. Light lavender. Int. incurved	Oct. 20	50.00
†**Rose Chochard.** Light lavender. S. incurved	Oct. 20	37.50
†**Rosabella.** Rose pink. S. incurved	Oct. 25	50.00
Rosy Morn. Deep rich pink with light lavender reverse. Int. incurved	Oct. 25	100.00
Pink Turner. (Mrs. Leslie Davis.) Lavender. L. incurved	Nov. 5	50.00
J. W. Prince. (Improved Chieftain.) Rose pink. Int. incurved	Nov. 5	37.50
†**Indianapolis Pink.** Deep lavender with pale reverse. Int. incurved	Nov. 8	37.50
Orchid Queen. Orchid pink. L. incurved	Nov. 10	50.00
Thanksgiving Pink. Amaranth. Int. reflexed	Nov. 23	50.00
Peter John. Deep rose pink. Sport from Thanksgiving Pink. Int. reflexed	Nov. 23	50.00
†**Helen Frick.** Rose pink. Int. incurved	Nov. 25	37.50
Edwin Seidewitz. Lavender. Int. incurved	Nov. 30	37.50
Pink Mistletoe. Lavender. Int. incurved	Dec. 10	37.50

POMPON, SINGLE AND ANEMONE VARIETIES

Types are abbreviated as follows: Pom.—Pompon; Dec.—Decorative; Sing.—Single; Anem.—Anemone. Size of flower is indicated by S—Small; Int.—Intermediate; L—Large.

YELLOW

Name and Description	Matures	Price per 1000
Barbara Cumming. (Yellow Normandie.) Buff yellow. Int. dec.	Sept. 15	$37.50
Early Yellow. Light golden yellow. S. pom.	Sept. 15	37.50
Pomponette. Light buff yellow. Int. pom.	Sept. 20	37.50
Wolverine. Light yellow. Int. dec.	Sept. 25	37.50
King Midas. Light lemon yellow. Int. dec.	Sept. 30	37.50
Judith Anderson. Golden yellow. S. pom.	Oct. 15	37.50
Yellow Irene. Light lemon yellow. Sport from Irene. S. pom.	Oct. 18	37.50
Rodell Improved. Light lemon yellow. Int. pom.	Oct. 20	37.50
Yellow Hammer. Golden yellow. Int. pom.	Oct. 20	50.00
†***Cincinnati.** Golden yellow. L. pom.	Oct. 20	37.50

POMPON, SINGLE AND ANEMONE VARIETIES, YELLOW—Continued

Name and Description	Matures	Price per 1000
Golden Spray. Deep lemon yellow. Int. pom.	Oct. 23	$ 37.50
***Golden Herald.** Deep golden yellow. L. dec.	Oct. 25	37.50
Yellow Dot. Yellow with bronze center. Sport from Pink Dot. Int. pom.	Oct. 25	37.50
Yellow Arcadia. Pernet yellow. Int. pom.	Oct. 28	37.50
Yellow Daisy. Deep lemon yellow. Int. sing.	Nov. 1	37.50
Mary Lennon Hall. (Vera Victoria.) Deep lemon yellow. Int. pom.	Nov. 1	37.50
Yellow Sea Gull. Light lemon yellow. Sport from Sea Gull. Int. pom.	Nov. 1	37.50
***Yellow Doty.** Buff yellow. L. pom.	Nov. 1	37.50
†***Ohio State.** Light lemon yellow. Int. anem.	Nov. 1	37.50
Barcarole. Golden yellow. Int. pom.	Nov. 5	125.00
Nuggets. Light lemon yellow. S. pom.	Nov. 5	37.50
Yellow Bushnell. Pernet yellow. Sport from Rev. Bushnell. Int. pom.	Nov. 8	37.50
Pixie. Deep golden yellow. S. pom.	Nov. 10	60.00
Derigold. Deep golden yellow. Int. pom.	Nov. 10	37.50
†***Yellow Beauty.** Golden yellow. L. pom.	Nov. 10	37.50
***Golden Mensa.** Light lemon yellow. Int. sing.	Nov. 10	37.50
***Helios.** Deep golden yellow. L. anem.	Nov. 10	37.50
Yellow New York. Deep lemon yellow. Sport from New York. S. pom.	Nov. 13	37.50
Cocquette. Clear golden yellow. S. pom.	Nov. 15	125.00
Princeton. Orange yellow. Int. dec.	Nov. 15	37.50
***Yellow Fellow.** Deep lemon yellow. Int. dec.	Nov. 15	37.50
†**Sunray.** Light lemon yellow. Int. anem.	Nov. 15	37.50
***Susanne Miller.** Buff yellow. Sport from Norma. L. anem.	Nov. 18	37.50
Golden Surprise. Sulphur yellow, shading to golden yellow. Int. pom.	Nov. 18	60.00
†***Bright Light.** Light lemon yellow. L. dec.	Nov. 20	37.50
Hasegawa Gold. Light golden yellow. Int. pom.	Nov. 23	37.50
†***Yellow Rolinda.** Light buff yellow. Sport from Rolinda. Int. anem.	Nov. 23	37.50
§**Sunnyside.** Golden yellow. Int. pom.	Nov 25	50.00
Lodestar. Golden yellow. Int sing.	Nov. 25	100.00
***Goldsmith.** Golden yellow. Int. dec.	Nov. 25	37.50
***Citrus Queen.** Lemon orange. L. anem.	Nov. 25	37.50
Christmas Gold. Deep golden yellow. S. pom.	Nov. 28	37.50
***Golden Jane.** Brilliant golden yellow. Sport from Jane. L. sing.	Nov. 28	60.00
Yellow Cordova. Lemon yellow. Sport from Cordova. Int. dec.	Nov. 30	37.50
Gold Coin. (Unalga.) Deep lemon yellow. Int. pom.	Dec. 1	37.50
Golden Modena. Deep lemon yellow. Sport from Modena. Int. pom.	Dec. 5	50.00
***Yellow Supreme.** Buff yellow suffused with pink. Sport from Pink Supreme. L. anem.	Dec. 10	37.50
Spun Gold. Deep lemon yellow. Int. dec.	Dec. 15	50.00
December Gold. Deep golden yellow. Int. dec.	Dec. 15	37.50
Christmas Cheer. Buff yellow. Int. pom.	Dec. 15	37.50
Yellow Garza Supreme. Light lemon yellow. Int. anem.	Dec. 15	37.50
Vibrant. Deep lemon yellow. Int. dec.	Dec. 20	37.50
Winterset. Lemon yellow. Int. pom.	Dec. 25	37.50
Yellow Snow. Deep lemon yellow. Int. pom.	Dec. 30	37.50

WHITE

Silver Moon. Cream white. Int. sing.	Sept. 15	37.50
Normandie. White suffused with pink. Int. dec.	Sept. 20	37.50
Jean Cumming. Ivory white. Int. dec.	Sept. 20	37.50
Avalanche. Int. dec.	Oct. 5	80.00
Uvalda. Cream white. Int. pom.	Oct. 10	37.50
White Jewell. White tinged with light lavender. S. pom.	Oct 15	37.50
***Silver Ball.** L. pom.	Oct. 15	37.50
Irene. S. pom.	Oct. 18	37.50
Minong. S. pom.	Oct. 20	37.50
Arcadia. Int. pom.	Oct. 28	37.50
†***Graceland.** White with yellow center. Int. anem.	Oct. 28	37.50
Sea Gull. Cream white. Int. pom.	Nov. 1	37.50
***White Doty.** Ivory white. L. pom.	Nov. 1	37.50
Blanche. Int. anem.	Nov. 1	37.50
Nancy Crain. S. pom.	Nov. 5	100.00
***White Anemone.** Int. anem.	Nov. 5	37.50
Rev. Horace Bushnell. Cream white. Int. pom.	Nov. 8	37.50
***Shasta.** Int. anem.	Nov. 8	37.50
Crystal Jewell. S. pom.	Nov. 8	37.50
§**Vesper.** Int. pom.	Nov. 10	50.00
***White Mensa.** Ivory white. Int. sing.	Nov. 10	37.50

§—Propagation rights reserved.
†—Suitable for pot culture.
*—Responds to disbudding.

Vaughan's Chrysanthemum Rooted Cuttings

POMPON, SINGLE AND ANEMONE VARIETIES WHITE—Continued

Name and Description	Matures	Price per 1000
†*Little America. Int. anem.	Nov. 10	$ 37.50
†*Richard Mandel. L. pom.	Nov. 10	37.50
Chicago Pearl. Ivory white. Int. pom.	Nov. 15	37.50
*White Freida. White with yellow cushion. L. anem.	Nov. 15	37.50
*White Norma. White suffused with pink. L. anem.	Nov. 18	37.50
*Long Island Beauty. White with yellow cushion. L. anem.	Nov. 20	37.50
*Nevada. White with chartreuse green cushion. Int. anem.	Nov. 20	100.00
Pearl. Int. pom.	Nov. 20	37.50
Seafoam. Int. pom.	Nov. 20	60.00
Priscilla. Int. pom.	Nov. 23	100.00
*White Yuletide. Int. pom.	Nov. 28	37.50
Cordova. Cream white. Int. dec.	Nov. 30	37.50
Royal Queen. Int. pom.	Dec. 5	37.50
Cameo. Ivory white. Int. pom.	Dec. 5	37.50
Silver Star. Ivory white. Int. pom.	Dec. 10	37.50
Yukon. Int. sing.	Dec. 10	37.50
*White Supreme. White suffused with pink. L. anem.	Dec. 10	37.50
December Glory. Ivory white. Int. dec.	Dec. 15	37.50
Garza Supreme. Int. anem.	Dec. 15	37.50
Snow. Ivory white. Int. pom.	Dec. 30	37.50
§Revelation. Int. pom.	Dec. 30	50.00

BRONZE AND RED

Early Bronze. Orange bronze. S. pom.	Sept. 15	37.50
Burgundy. Wine red. Int. dec.	Oct. 5	37.50
Ruby Pompon. Ruby crimson. Int. pom.	Oct. 5	100.00
Caliph. Deep red. Int. dec.	Oct. 8	37.50
Red Velvet. Velvety crimson. Int. dec.	Oct. 8	100.00
Ruth Cumming. Reddish bronze. Int. dec.	Oct. 8	37.50
Mandarin. Coral salmon. Int. dec.	Oct. 10	37.50
Indian Summer. Orange bronze. Int. dec.	Oct. 15	37.50
Clara Jameson. Dark reddish bronze. S. pom.	Oct. 15	37.50
Bonnibell. Light buff bronze. S. pom.	Oct. 15	37.50
Roman Bronze. Bronze suffused with pink. Sport from Capt. Cook. Int. pom.	Oct. 20	37.50
†Thorina. Reddish bronze. Int. pom.	Oct. 20	37.50
Adelaide. Dark reddish bronze. S. pom.	Oct. 23	37.50
*Jemima. Dark reddish bronze. Int. pom.	Oct. 23	37.50
Natoma. Flame scarlet. Int. dec.	Oct. 25	50.00
Ethel. Reddish bronze. S. pom.	Oct. 25	37.50
Fire Bird. Dark reddish bronze. Int. dec.	Oct. 25	37.50
October Bronze. Light bronze. Int. sing.	Oct. 28	37.50
Bronze Daisy. Light bronze. Int. sing.	Nov. 1	37.50
Elizabeth Peterson. Light orange bronze. Int. dec.	Nov. 3	37.50
Bronze Buckingham. Light orange bronze. Int. sing.	Nov. 3	50.00
Robin Hood. Dark red. S. pom.	Nov. 5	37.50
Navaho. Deep crimson. Int. pom.	Nov. 5	60.00
Red Daisy. Deep red. Int. sing.	Nov. 5	37.50
Bittersweet. Bittersweet red. Int. sing.	Nov. 8	125.00
Bronze Bulkeley. Bronze suffused with pink. Sport from Mrs. Bulkeley. Int. pom.	Nov. 8	37.50
Cassandra. Orange bronze. Int. pom.	Nov. 10	60.00
*Mason's Bronze. Burnt orange. L. sing.	Nov. 10	37.50
Sylvanna. Orange bronze. Int. sing.	Nov. 10	100.00
*Europa. Cardinal red. L. sing.	Nov. 10	50.00
*Clara Holford. Deep red. L. sing.	Nov. 10	37.50
*The Titan. Scarlet crimson with bronzy red cushion. L. anem.	Nov. 10	37.50
†*Melba. Light reddish bronze. L. sing.	Nov. 10	37.50
†*Red Melba. Light red. L. sing.	Nov. 10	37.50
Trianon. Crimson bronze. Int. pom.	Nov. 13	125.00
New York. Reddish bronze. S. pom.	Nov. 13	37.50
*Bronze Masterpiece. Rosewood bronze. Sport from Masterpiece. Int. pom.	Nov. 15	37.50
Fez. Deep reddish bronze. S. pom.	Nov. 15	50.00
Red Princeton. Brazil red. Int. dec.	Nov. 15	37.50
Mrs. Mary Hooker. Deep red. L. dec.	Nov. 15	37.50
Gold Imperial. Golden yellow with deep yellow orange center. Int. dec.	Nov. 15	60.00
*Bronze Freida. Salmon buff with yellow center. Sport from Freida. L. anem.	Nov. 15	37.50
†Gypsy. Light reddish bronze. S. anem.	Nov. 15	37.50
Catherine. Light reddish bronze. Int. dec.	Nov. 20	37.50
Legal Tender. Bronze and gold. Int. dec.	Nov. 20	37.50
†*Red Rolinda. Deep reddish bronze. Sport from Rolinda. Int. anem.	Nov. 23	37.50
*Bronze Goldsmith. Mars orange. Sport from Goldsmith. Int. dec.	Nov. 25	100.00
Apricon. Apricot yellow. Int. pom.	Nov. 25	37.50

POMPON, SINGLE AND ANEMONE VARIETIES, BRONZE AND RED—Continued

Name and Description	Matures	Price per 1000
Dorothy Turner. Deep reddish bronze. Int. pom.	Nov. 25	$ 37.50
Yolanda. Light orange bronze. S. anem.	Nov. 25	37.50
*Crimson Glow. Crimson maroon. Int. anem.	Nov. 25	37.50
†*Red Beu. Reddish bronze. Int. dec.	Nov. 25	37.50
Argo. Orange bronze. Int. pom.	Nov. 28	100.00
*Jane. Light buff bronze. Sport from Valencia. L. sing.	Nov. 28	37.50
*Red Valencia. Light Brazil red. Sport from Valencia. L. sing.	Nov 28	60.00
*Apricot Valencia. Deep apricot buff. Sport from Dark Pink Valencia. L. sing.	Nov. 28	60.00
Glow. Orange, reddish orange at center. Int. pom.	Nov. 30	50.00
*Carnelia. Bittersweet red. L. sing.	Nov. 30	50.00
Royal Crimson. Dark crimson. L. dec.	Dec. 1	37.50
Viking. Deep reddish bronze shading to orange. Int. sing.	Dec. 1	50.00
Chrome Emerald. Golden orange with gold cushion. Int. anem.	Dec. 1	50.00
Wildfire. Orange rust. Int. dec.	Dec. 3	37.50
Cavalcade. Mandarin red. Golden bronze reverse. Int. pom.	Dec. 10	37.50
*Bronze Supreme. Light bronze suffused with pink. L. anem.	Dec. 10	37.50
Sarong. Crimson scarlet. Int. sing.	Dec. 15	37.50

PINK

Early Wonder. Lavender. Int. dec.	Sept. 15	37.50
Jean Treadway. Light rose pink with dark center. Int. dec.	Oct. 1	37.50
Mrs. du Pont. Peach pink shading to rosy salmon. Int. dec.	Oct. 5	80.00
Rose Glow. Raspberry changing to opalescent rose. S. dec.	Oct. 5	37.50
Lavender Lady. Lavender. Int. dec.	Oct. 8	80.00
Symphony. Mauve coppery pink and lavender. Int. dec.	Oct. 12	37.50
Jewell. Lavender. S. pom.	Oct. 15	37.50
Dark Pink Jewell. Deep lavender. Sport from Jewell. S. pom.	Oct. 15	37.50
Pink Pearl. Rose pink. S. pom.	Oct. 20	37.50
Capt. Cook. Deep rose pink. Int. pom.	Oct. 23	37.50
Jessie. (Madeline.) Light lavender. Int. pom.	Oct. 25	37.50
Pink Dot. Light pink with deep pink center. Int. pom.	Oct. 25	37.50
*Betty Rose. Lavender. L. anem.	Oct. 25	37.50
October Pink. Light lavender. Int. sing.	Oct. 28	37.50
*Lillian Doty. Light rose pink. L. pom.	Nov. 1	37.50
*Rose Charm. Lavender. L. pom.	Nov. 1	37.50
W. H. Buckingham. Rose pink. Int. sing.	Nov. 3	50.00
Mrs. Morgan G. Bulkeley. Light rose pink suffused with orchid lavender. Int. pom.	Nov. 8	37.50
Dark Pink Bulkeley. Dark rose pink. Sport from Mrs. Bulkeley. Int. pom.	Nov. 8	50.00
Linda Lou. Lavender with yellow cushion. Int. anem.	Nov. 8	37.50
†*Thyra. Lavender. L. pom.	Nov. 10	37.50
†*Queen of Pinks. Lavender. L. pom.	Nov. 10	37.50
†*Ethrelda. Light lavender. Int. anem.	Nov. 12	37.50
*Masterpiece. Tourmaline pink. Int. pom.	Nov. 15	37.50
Orchid Beauty. Orchid with golden cushion. Int. anem.	Nov. 15	37.50
*Freida. Light lavender with yellow cushion. L. anem.	Nov. 15	37.50
*Dark Pink Freida. Deep lavender. Sport from Freida. L. anem.	Nov. 15	37.50
*Norma. Orchid pink petals with salmon cushion. L. anem.	Nov. 18	37.50
*Dark Pink Norma. Deep lavender. Sport from Norma. L. anem.	Nov. 18	37.50
Minuet. Mauve to rose pink. Int. pom.	Nov. 25	100.00
Usona. Lavender. Int. pom.	Nov. 25	37.50
Hasegawa Pink. Lavender. Int. sing.	Nov. 25	37.50
†*Beautiful Lady. Deep lavender rays with cream white cushion. L. anem.	Nov. 25	50.00
*Valencia. Orchid pink. L. sing.	Nov. 28	37.50
*Dark Pink Valencia. Deep orchid pink. Int. sing.	Nov. 28	37.50
*Enchantress. Deep pink with light pink cushion. L. anem.	Dec. 5	50.00
§Riviera. Luminous pink. Int. dec.	Dec. 10	50.00
Prosperity. Deep lavender. Int. dec.	Dec. 10	37.50
*Dark Pink Supreme. Lavender. Sport from Pink Supreme. L. anem.	Dec. 10	37.50
Carillon. Deep orchid pink. Int. sing.	Dec. 15	50.00
Pink Treasure Island. Light lavender. Int. dec.	Dec. 20	37.50
Rosalind. Rose pink. Int. sing.	Dec. 20	37.50

§—Propagation rights reserved.
†—Suitable for pot culture.
*—Responds to disbudding.

A Recommended List of Chrysanthemums for Shading and Normal Flowering

The following varieties respond particularly well to shading. If shading is started in July, flowers can be cut from the last of August on through the season.

Given below is the date to start shading and the varieties in the various colors that respond best to this treatment.

— Items marked like this bloom on dates given without shading.

Date of Shading	Yellow	White	Bronze & Red	Pink	Approx. Date of Flowering
July 13	Blazing Gold	Silver Sheen	Hilda Bergen	Pink Chief	Sept. 5
July 20	Blazing Gold	Silver Sheen	Hilda Bergen	Pink Chief	Sept. 12
July 13	Good News	Albatross	Detroit News	J. W. Prince	Sept. 12
July 20	Good News	Albatross	Detroit News	J. W. Prince	Sept. 19
July 13	Ind. Yellow	Ind. White	Ind. Bronze	Ind. Pink	Sept. 19
July 27	Good News	Albatross	Detroit News	J. W. Prince	Sept. 26
July 20	Ind. Yellow	Ind. White	Ind. Bronze	Ind. Pink	Sept. 26
July 13	Yel. Mefo	Mefo	Mrs. Roy	Ed. Seidewitz	Sept. 26
Aug. 3	Good News	Albatross	Detroit News	J. W. Prince	Oct. 3
July 27	Ind. Yellow	Ind. White	Ind. Bronze	Ind. Pink	Oct. 3
July 20	Yel. Mefo	Mefo	Mrs. Roy	Ed. Seidewitz	Oct. 3
Aug. 10	Good News	Albatross	Detroit News	J. W. Prince	Oct. 10
Aug. 3	Ind. Yellow	Ind. White	Anaconda	Orchid Queen	Oct. 10
July 27	Yel. Mefo	Mefo	Mrs. Roy	Ed. Seidewitz	Oct. 10
—	Gold Lode				Oct. 10
—	Celestra			Pink Chief	Oct. 15
Aug. 17	Good News	Albatross	Detroit News	J. W. Prince	Oct. 17
Aug. 10	Ind. Yellow	Ind. White	Anaconda	Orchid Queen	Oct. 17
Aug. 3	Yel. Mefo	Mefo	Mrs. Roy	Ed. Seidewitz	Oct. 17
—	Mrs. Kidder	Silver Sheen			Oct. 20
—	Blazing Gold				Oct. 25
—	Sunglow				Oct. 25
—	Good News	Albatross	Detroit News	J. W. Prince	Nov. 1
—		Snow White			Nov. 1
—		Betsy Ross			Nov. 1
—	Ind. Yellow	Ind. White	Ind. Bronze	Ind. Pink	Nov. 8
—	Penrod		Br. Orc. Queen	Orchid Queen	Nov. 10
—	Yel. Monument	Monument	Anaconda		Nov. 15
—			Mrs. Roy		Nov. 15
—		Marketeer			Nov. 18
—	Yel. Mefo	Mefo			Nov. 20
—	Friendly Rival				Nov. 20
—	Marie Depetris				Nov. 23
—	Golden Pearson		Gladys Pearson	Helen Frick	Nov. 25
—	Imp. Yel. Chatt.	Chattanooga	Oak Leaf	Ed. Seidewitz	Nov. 25
—		Dec. Glory			Dec. 1
—	Gold. Mrs. Ross				Dec. 3
—	Gold. Mistletoe	Wh. Mistletoe			Dec. 10
—	Imp. Tobin's Late	Smith's Late			Dec. 15
July 6	Yel. Irene	Irene			Aug. 22
July 13	Yel. Irene	Irene			Aug. 29
July 6	Yel. Arcadia	White Jewell	Adelaide	Jewell	Aug. 29
July 6	Yel. Dot	Minong		Pink Pearl	Aug. 29
July 20	Yel. Irene	Irene			Sept. 5
July 13	Yel. Arcadia	White Jewell	Adelaide	Jewell	Sept. 5
July 13	Yel. Dot	Minong		Pink Pearl	Sept. 5
July 13				Jessie	Sept. 5
July 6	Barcarole	Sea Gull	Oct. Bronze	Oct. Pink	Sept. 5
July 6	Nuggets				Sept. 5
July 6	Golden Herald				Sept. 5
July 6	Yel. Daisy				Sept. 5
July 27	Yel. Irene	Irene			Sept. 12
July 20	Yel. Arcadia	White Jewell	Adelaide	Jewell	Sept. 12
July 20	Yel. Dot	Minong	Roman Bronze	Pink Pearl	Sept. 12
July 20				Jessie	Sept. 12
July 13	Barcarole	Sea Gull	Oct. Bronze	Oct. Pink	Sept. 12
July 13	Nuggets				Sept. 12
July 13	Golden Herald				Sept. 12
July 13	Yel. Daisy				Sept. 12
July 6	Yel. Bushnell	Rev. Bushnell	Sylvanna	Mrs. Bulkeley	Sept. 12
July 6	Pixie		Navaho	Dk. Pk. Bulkeley	Sept. 12
July 6			Cassandra		Sept. 12
July 6			Robin Hood		Sept. 12
July 27	Yel. Arcadia	White Jewell	Fire Bird	Jewell	Sept. 19
July 27	Yel. Dot	Minong	Roman Bronze	Pink Pearl	Sept. 19
July 27				Pink Dot	Sept. 19
July 27				Capt. Cook	Sept. 19
July 20	Barcarole	Sea Gull	Oct. Bronze	Oct. Pink	Sept. 19
July 20	Nuggets		Red Daisy		Sept. 19
July 20	Golden Herald				Sept. 19
July 20	Yel. Daisy				Sept. 19
July 13	Yel. Bushnell	Rev. Bushnell	Sylvanna	Mrs. Bulkeley	Sept. 19
July 13	Pixie	Little America	Navaho	Dk. Pk. Bulkeley	Sept. 19
July 13			Cassandra		Sept. 19
July 13			Robin Hood		Sept. 19
July 6	Princeton	Vesper	Red Princeton	Masterpiece	Sept. 19
July 6	Yel. Fellow		Br. Masterpiece	Dk. Pk. Norma	Sept. 19
July 6	Susanne Miller	White Freida	Bittersweet	Freida	Sept. 19
July 27	Barcarole	Sea Gull	Oct. Bronze	Oct. Pink	Sept. 26
July 27	Nuggets		Red Daisy		Sept. 26
July 27	Golden Herald				Sept. 26
July 27	Yel. Daisy				Sept. 26
July 20	Yel. Bushnell	Rev. Bushnell	Sylvanna	Mrs. Bulkeley	Sept. 26
July 20	Pixie	Little America	Navaho	Dk. Pk. Bulkeley	Sept. 26
July 20			Cassandra		Sept. 26
July 20			Robin Hood		Sept. 26
July 13	Princeton	Vesper	Red Princeton	Masterpiece	Sept. 26
July 13	Yel. Fellow		Br. Masterpiece	Dk. Pk. Norma	Sept. 26
July 13	Susanne Miller	White Freida	Bittersweet	Freida	Sept. 26
July 6	Goldsmith	Seafoam	Br. Goldsmith	Minuet	Sept. 26
Aug. 3	Barcarole	Sea Gull	Oct. Bronze	Oct. Pink	Oct. 3
Aug. 3	Nuggets		Red Daisy		Oct. 3
Aug. 3	Golden Herald				Oct. 3
Aug. 3	Yel. Daisy				Oct. 3
July 27	Yel. Bushnell	Rev. Bushnell	Br. Bulkeley	Mrs. Bulkeley	Oct. 3
July 27	Pixie	Little America	Sylvanna		Oct. 3
July 27			Navaho		Oct. 3
July 27			Cassandra		Oct. 3
July 20	Princeton	Vesper	Red Princeton	Masterpiece	Oct. 3
July 20	Yel. Fellow		Br. Masterpiece	Dk. Pk. Norma	Oct. 3
July 20	Susanne Miller	Wh. Freida	Bittersweet	Freida	Oct. 3
July 13	Goldsmith	Seafoam	Br. Goldsmith	Minuet	Oct. 3
Aug. 3	Yel. Bushnell	Rev. Bushnell	Br. Bulkeley	Mrs. Bulkeley	Oct. 10
Aug. 3	Pixie	Little America	Sylvanna		Oct. 10
Aug. 3			Navaho		Oct. 10
Aug. 3			Cassandra		Oct. 10
July 27	Princeton	Vesper	Red Princeton	Masterpiece	Oct. 10
July 27	Yel. Fellow		Br. Masterpiece	Dk. Pk. Norma	Oct. 10
July 27	Susanne Miller	Wm. Freida	Bittersweet	Freida	Oct. 10
July 20	Goldsmith	Seafoam	Br. Goldsmith	Minuet	Oct. 10
—		Wh. Jewell		Jewell	Oct. 15
—				Dk. Pk. Jewell	Oct. 15
Aug. 10	Yel. Bushnell	Rev. Bushnell	Br. Bulkeley	Mrs. Bulkeley	Oct. 17
Aug. 10	Pixie	Little America	Sylvanna		Oct. 17
Aug. 10			Navaho		Oct. 17
Aug. 10			Cassandra		Oct. 17
Aug. 3	Princeton	Vesper	Red Princeton	Masterpiece	Oct. 17
Aug. 3	Yel. Fellow		Br. Masterpiece	Dk. Pk. Norma	Oct. 17
Aug. 3	Susanne Miller	Wh. Freida	Bittersweet	Freida	Oct. 17
July 27	Goldsmith	Seafoam	Br. Goldsmith	Minuet	Oct. 17
—	Yel. Irene	Irene			Oct. 17
—	Rodell Imp.	Minong		Pink Pearl	Oct. 20
—	Golden Spray			Capt. Cook	Oct. 23
—	Golden Herald		Natoma	Jessie	Oct. 25
—	Yel. Dot		Fire Bird	Pink Dot	Oct. 25
—	Yel. Arcadia	Arcadia	Oct. Bronze	Oct. Pink	Oct. 28
—	Yel. Daisy	Sea Gull			Nov. 1
—	Mary L. Hall	White Doty			Nov. 1
—	Barcarole	Nancy Crain			Nov. 5
—	Nuggets		Robin Hood		Nov. 5
—			Navaho		Nov. 5
—			Red Daisy		Nov. 5
—	Yel. Bushnell	Rev. Bushnell	Br. Bulkeley	Mrs. Bulkeley	Nov. 8
—			Bittersweet	Dk. Pk. Bulkeley	Nov. 8
—	Pixie	Vesper	Cassandra		Nov. 10
—		Little America	Trianon		Nov. 10
—			Sylvanna		Nov. 10
—			Europa		Nov. 10
—	Coquette	Chicago Pearl	Br. Masterpiece	Masterpiece	Nov. 15
—	Princeton	White Freida	Red Princeton	Freida	Nov. 15
—	Yel. Fellow		Br. Freida		Nov. 15
—	Susanne Miller				Nov. 18
—	Gold. Surprise				Nov. 18
—		Nevada	Legal Tender		Nov. 20
—		Seafoam			Nov. 20
—			Red Rolinda		Nov. 23
—	Goldsmith		Br. Goldsmith	Minuet	Nov. 25
—	Sunnyside				Nov. 25
—	Lodestar				Nov. 25
—	Golden Jane		Argo	Valencia	Nov. 28
—			Apr. Valencia	Dk. Pk. Valencia	Nov. 28
—			Carnelia		Nov. 28
—	Yel. Cordova	Cordova			Nov. 30
—		Cameo			Dec. 5
—		Yukon	Cavalcade	Riviera	Dec. 10
—	Dec. Gold	Garza Supreme	Sarong	Carillon	Dec. 15
—	Yel. Garza				Dec. 15
—	Vibrant			Rosalind	Dec. 20
—	Yel. Snow	Snow			Dec. 30
—		Revelation			Dec. 30

Vaughan's Dahlias

In Vaughan's Gardening Illustrated are listed a number of newer varieties that are not listed in this catalogue. If interested in getting any of these, the trade is offered a discount of 25% on all varieties listed in Vaughan's Gardening Illustrated. This does not apply to any Special Offers listed therein; on these we offer a discount of 15%.

In the following list we offer varieties that we can supply in tubers of suitable size for planting. We advise early ordering to prevent disappointment in case the variety selected should be sold out.

KEY TO ABBREVIATIONS. F.D., Formal Decorative; I.D., Informal Decorative; S.C., Semi-Cactus; Str. C., Straight Cactus; S., Show. *—Good cut flower varieties.

	10	100
***AVALON.** (I.D.) Clear yellow. Large flowers on long stems	$2.00	$18.00
BONNIE BLUE. (S.) Lavender blue. A good grower and fine cut flower variety	2.00	18.00
CALIFORNIA IDOL. (I.D.) A giant yellow and a splendid grower	3.20	30.00
CLARA CARDER. (F.D.) A beautiful shade of Cyclamen pink. Blooms very large on strong stems. Vigorous grower	3.20	30.00
FLORIST WHITE. (F.D.) Pure white, fine form. Good grower * with long stems	2.70	25.00
GALLANT FOX. (F.D.) A commercial red. Its keeping quali- * ties, sturdy stem and fine color make it a valuable sort	2.00	18.00
HUNT'S VELVET WONDER. (I.D.) Color is a rich violet purple. The huge blooms can be grown to immense size. A strong grower with striking foliage. A good exhibition variety	3.70	35.00
JANE COWL. (I.D.) A large flower of a warm buff and old * gold blending to a bright salmon at the center	2.20	20.00
JEAN TRIMBEE. (I.D.) A rich deep petunia-violet of immense * size carried well above foliage on stiff stems	3.20	30.00
JERSEY'S BEACON. (F.D.) Chinese scarlet with a paler re- * verse, giving a two-toned effect	2.20	20.00
JERSEY'S BEAUTY. (F.D.) The most popular Dahlia. Lav- * ender-pink. Fine stem and foliage	2.00	18.00
KING PETER. (F.D.) White tipped lavender. Blooms of average size held on cane-like stems, flower facing. Sturdy grower with good branching habit	3.70	35.00
LOIS WALCHER. (F.D.) Deep amaranth purple that breaks * sharply into pure white. The stems are ideal. The healthy bush is an early and prolific bloomer	5.20	50.00
MISS OAKLAND. (F.D.) Pure white. Perfect habit of growth * free flowering; unexcelled for cut flowers or exhibition	3.20	30.00
MRS. GEO. LE BOUTILLIER. (I.D.) A rich velvety carmine * giant in size and outstanding in all respects	3.20	30.00
MRS. IDE VER WARNER. (F.D.) Large flowers of deep * mauve-pink. Can be grown to a diameter of 11 inches	2.00	18.00
MRS. JAMES ALBIN. (F.D.) A soft pleasing yellow with fine * formal blooms carried on straight stiff stems. A clean sturdy growth and branches freely making it easy to cut the blooms with long stems	3.70	35.00
OAKLEIGH MONARCH. (I.D.) A clear brilliant cerise red. * Very large blooms of great depth which keep well when cut. Strong, rugged grower	3.20	30.00
OMAR KHAYYAM. (F.D.) A Chinese red at the base of petals, * shading to a bright orange with paler tips. Strong grower with large blooms on good stems	2.20	20.00
QUEEN CITY. (F.D.) Color scarlet pink. Flowers of good size * ball type formal. Early and free bloomer continues until frost. Should be cut when blooms are two-thirds developed	2.20	20.00
SON OF SATAN. (S.C.) One of the largest and brightest of its type. Bright scarlet blooms on excellent stems. A sensation in any garden	4.20	40.00
SULTAN OF HILLCREST. (F.D.) Clear deep lemon-yellow, reverse rosy pink. A unique and unusual color effect that immediately attracts attention. Huge deep blooms on strong stems	3.20	30.00
WHITE KING. (F.D.) A pure white large-flowering Dahlia of * fine form and substance with strong stems	2.00	18.00
WHITE WONDER. (I.D.) A truly white Fort Monmouth. The * giant blooms are pure white with long twisted and curled petals.	2.20	20.00

MINIATURE AND POMPON DAHLIAS

*POMPONS

	10	100
AMBER QUEEN. Amber suffused with apricot	$2.00	$18.00
BRONZE BEAUTY. Gold apricot. Fine cut flower variety	2.00	18.00
CATHERINE. Bright yellow, good form and stem	2.00	18.00
EDITH MUELLER. A bright cerise pink. A fine cutting variety	2.00	18.00
LITTLE HERMAN. Cardinal red shaded maroon tipped white	2.00	18.00
MARY MUNNS. Fine lavender variety that is considered as among the very best in this color	2.00	18.00
MORNING MIST. A pale lavender very free bloomer with fine long stems	2.00	18.00
ROSA WILMOTH. Small fine formed rose-pink	2.20	20.00
SHERRY. A deep purple which is nearly round and very attractive	2.20	20.00
SNOWCLAD. Pure white, one of the best	2.00	18.00
VIVID. Bright scarlet very fine	2.00	18.00

*MINIATURE DAHLIAS

AUDRIES ORANGE. (S.C.) Bright orange. One of the finest miniatures	3.20	30.00
BABY ROYAL. (S.C.) Salmon-pink and apricot with gold shadings. Very free bloomer	2.00	18.00
BISHOP OF LLANDOFF (Duplex). Brilliant rich red blooms in contrast to the bronze-dark foliage make it outstanding	2.20	20.00
BUCKEYE BABY. (F.D.) Gold buff lightly shaded red on reverse	2.20	20.00
DUBONNETT. (S.C.) A rich deep oxblood red that does not fade or burn	2.20	20.00
FAIRY. (F.D.) A violet-rose shading mauve at tips	2.00	18.00
LITTLE RED BIRD. (F.D.) Bright cardinal red. One of the best for florist use	2.00	18.00
PRINCESS ALBA. (F.D.) Here is a miniature that sets a new high standard in the white class. The plants are tall and of excellent growing habit and produce quantities of perfectly formed blooms on fine long stems	2.20	20.00
SNOWSPRITE. (S.C.) Glistening snow white in color with perfect stems and artistic form. Good dependable variety	2.20	20.00
SYLVIA. (F.D.) Garnet red with fine stem. A good grower	2.00	18.00

Ornamental and Flowering Shrubs

Warning—Prices on all nursery stock subject to change without notice. 5 plants of one kind supplied at 10 rate. 30 plants of one kind supplied at 100 rate.

EUONYMUS Alatus Compacta

VIBURNUM Opulus Sterile (Old Fashioned Snowball)

ELSHOLTZIA Stauntoni

OUR shrubs are nursery-grown and are transplanted every two or three years. They are nice, shapely bushes with plenty of good fibrous roots, and are such plants as are in demand by the first class retail trade. They should not be compared to stock that is never moved from the cutting or seeding beds until sold.

Our Nursery is located at Western Springs, 15 miles west of Chicago, on the C. B. & Q. R. R., two blocks south of 47th Street, on Wolf Road.

Visitors are invited to inspect our stock at any time. We have a choice lot of specimens such as are not usually seen. Our customers will be pleased with the class of stock we send them.

Shipping Directions: All stock is sold F. O. B. Western Springs. Packing charges to be added on all orders for shrubs, dormant roses, fruits, trees, evergreens, and vines, at cost. Always give full explicit shipping directions, as our responsibility ends on delivery to the express or freight office in good condition. **All trees, shrubs and plants shipped subject to customer assuming risk regarding his own State Nursery Inspection Regulations. Certificate furnished with each shipment.**

Where personal selection of stock is made at our Nursery we charge according to its value.

	Each	10	100
ACANTHOPANAX Pentaphyllum. 3 to 4 ft.	$0.50	$ 4.00	$35.00
4 to 5 ft.	.60	5.00	45.00
ALMOND. See Prunus glandulosa.			
ALTHAEA. See Hibiscus.			
ARONIA Brilliantissima. 3 to 4 ft.	.50	4.50	.....
BERBERIS Koreana (Korean Barberry). 4 to 5 ft.	.60	5.00	45.00
Mentorensis. (Patent No. 99) (New Evergreen Barberry). 18 to 24 in.	.60	4.50	33.00
Thunbergi. 18 to 24 in.	.35	3.00	22.00
24 to 30 in.	.40	3.50	27.50
Thunbergii Atropurpurea. 18 to 24 in.	.50	4.00	.....
Thunbergii Erecta (Truehedge Columnberry). (Patent No. 110) 15 to 18 in.	.40	3.30	27.00
BUDDLEIA Charming. (Pink). Field grown.	.50	4.00	35.00
Dubonnet (New Red). Field grown	.50	4.00	35.00
Orchid Beauty. Field grown.	.50	4.00	35.00
Royal Purple. Field grown	.50	4.00	35.00
CALYCANTHUS Floridus (Sweet Shrub). 18 to 24 in.	.50	4.00	.....
CHIONANTHUS Virginica (White fringe tree). 3 to 4 ft.	.85	7.50	.....
CORNUS Alba Sibirica (Coral Dogwood). 4 to 5 ft.	.50	4.00	35.00
Amomum. 4 to 5 ft.	.40	3.50	30.00
5 to 6 ft.	.50	4.50	35.00
Baileyi. 3 to 4 ft.	.45	3.50	30.00
4 to 5 ft.	.50	4.00	35.00
5 to 6 ft.	.60	5.00	40.00
Florida Rubra. See page 67.			
Paniculata. 3 to 4 ft.	.40	3.50	30.00
4 to 5 ft.	.45	4.00	35.00
5 to 6 ft.	.50	4.50	40.00
Sanguinea (Bloodtwig Dogwood). 4 to 5 ft.	.40	3.50	27.50
5 to 6 ft.	.50	4.00	35.00
Stolonifera Flaviramea (Goldentwig Dogwood). 2 to 3 ft.	.35	3.00	25.00
3 to 4 ft.	.50	4.00	35.00
COTONEASTER Acutifolia. 2 to 3 ft.	.40	3.00	25.00
3 to 4 ft.	.50	4.00	35.00
CRAB. See Malus, page 67.			
CRATAEGUS. See page 67.			
CYDONIA Japonica. 18 to 24 in.	.45	4.00	.....
2 to 3 ft.	.50	4.50	.....
ELSHOLTZIA Stauntoni (Heathermint). 18 to 24 in.	.50	4.00	35.00

	Each	10	100
EUONYMUS Alatus (Burning Bush). 3 to 4 ft.	$1.65	$15.00	.....
4 to 5 ft.	1.90	.....	.....
Alatus Compacta. 2 to 2½ ft.	1.25	10.00	.....
2½ to 3 ft.	1.50	12.50	.....
Europaeus (European Burning Bush). 4 to 5 ft.	.60	5.00	$45.00
5 to 6 ft.	.75	6.00	55.00
EUONYMUS Radicans Colorata (Bronze Winter Creeper). 2-year	.40	3.50	.....
Radicans Vegetus (Bigleaf Winter Creeper). 9 to 12 in.	.90	7.50	.....
FORSYTHIA Intermedia. 3 to 4 ft.	.40	3.50	30.00
4 to 5 ft.	.50	4.00	35.00
Intermedia Spectabilis. 2 to 3 ft.	.40	3.00	25.00
3 to 4 ft.	.45	3.50	30.00
4 to 5 ft	.50	4.00	35.00
Ovata (Korean Golden Bell). 3 to 4 ft.	.50	4.00	35.00
4 to 5 ft.	.60	5.00	40.00
HAMAMELIS Vernalis (Winterblooming Witch Hazel). 3 to 4 ft.	1.00	9.00	.....
HIBISCUS Syriacus (Rose of Sharon), (Althaea). Double Purple, Pink, Red or White. 2 to 3 ft.	.50	3.50	30.00
HOLODISCUS Discolor (Ocean Spray). 2 to 3 ft.	.60	5.50	.....
HYDRANGEA Arborescens Grandiflora. 18 to 24 in.	.60	5.00	.....
Opuloides (Blue H). 2 yr.	1.00	.....	.....
Paniculata Grandiflora. 18 to 24 in.	.40	3.50	30.00
2 to 3 ft.	.50	4.00	35.00
KERRIA Japonica fl. pl. 18 to 24 in.	.75	6.00	.....
KOLKWITZIA Amabilis. 2 to 3 ft.	.65	5.50	.....
LIGUSTRUM Amurense (Amoor Privet, North). 18 to 24 in., 3 canes up	....	1.75	15.00
2 to 3 ft., 3 canes up	....	2.50	20.00
Ibota Regelianum. 2 to 3 ft.	.50	4.00	30.00
Vulgare (European Privet). 3 to 4 ft.	.40	3.00	25.00
Chinese Elm Hedging—See Ulmus Pumila under Trees, page 67.			
LILAC. See Syringa.			
LONICERA (Bush Honeysuckle). **Bella Albida.** 4 to 5 ft.	.50	4.00	35.00
5 to 6 ft.	.60	5.00	40.00
Fragrantissima (Winter Honeysuckle). 2 to 3 ft.	.50	4.00	.....
Korolkowi Zabeli (True Red Honeysuckle). 3 to 4 ft.	.60	5.00	.....

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LONICERA—Continued	Each	10	100
Ruprechtiana. 3 to 4 ft.	$0.50	$4.00	$35.00
4 to 5 ft.	.60	5.00	40.00
Tatarica Alba. 2 to 3 ft.	.40	3.00	25.00
4 to 5 ft.	.60	5.00	40.00
Tararica Rosea. 18 to 24 in.	.30	2.50	20.00
2 to 3 ft.	.40	3.00	25.00
4 to 5 ft.	.60	5.00	.....
Tatarica Rubra. 18 to 24 in.	.30	2.50	20.00
2 to 3 ft.	.40	3.00	25.00
4 to 5 ft.	.75	6.00	.....
PHILADELPHUS—Mockorange			
Coronarius. 4 to 5 ft.	.50	4.00	35.00
5 to 6 ft.	.60	5.00	40.00
Grandiflorus. 2 to 3 ft.	.40	3.00	22.00
3 to 4 ft.	.50	4.00	30.00
4 to 5 ft.	.60	4.50	35.00
5 to 6 ft.	.65	5.00	40.00
Innocence. 3 to 4 ft.	1.00	9.00	.....
Lemoine. 2 to 3 ft.	.40	3.50	27.50
3 to 4 ft.	.50	4.00	35.00
Virginal. 2 to 3 ft.	.65	5.50	.....
PHYSOCARPUS Monogynus (Dwarf Ninebark).			
3 to 4 ft.	.50	3.50	.....
PHYSOCARPUS Opulifolius (Common Ninebark).			
4 to 5 ft.	.50	4.00	30.00
5 to 6 ft.	.60	5.00	40.00
Opulifolius Aureus (Goldenleaf Ninebark). 4 to 5 ft.	.50	4.00	30.00
5 to 6 ft.	.60	5.00	40.00
PRUNUS Besseyi (Hansen Bush Cherry).			
2 to 3 ft.	.50	4.00	.....
PRUNUS Glandulosa (Flowering Almond).			
Sinensis (Double Pink). 18 to 24 in.	.60	4.50	.....
Triloba. See Trees, page 67.			
RHAMNUS Cathartica (Buckthorn). 4 to 5 ft.	.50	4.00	30.00
RHUS Canadensis (Fragrant Sumac). 2 to 3 ft.	.50	4.00	.....
ROSA.			
Hugonis. 2-year	.60	5.00	.....
Rugosa F. J. Grootendorst. 2-year	.75	6.50	.....
Rugosa Hansa. 2-year	.60	5.00	.....
Rugosa Pink Grootendorst. 2-year	.75	6.50	.....
SALIX Caprea (French Pussy Willow). 3 to 4 ft.	.60	5.00	.....
SPIRAEA Arguta. 18 to 24 in.	.40	2.50	20.00
24 to 30 in.	.50	3.50	25.00
3 to 4 ft.	.50	4.00	30.00
Bumalda Anthony Waterer. 15 to 18 in.	.40	3.00	25.00
18 to 24 in.	.50	3.50	30.00
Froebeli. 18 to 24 in.	.40	3.00	22.00
24 to 30 in.	.50	4.00	27.50
Latifolia. 3 to 4 ft.	.50	4 00	.....
Thunbergi. 18 to 24 in.	.30	2.50	20.00
Van Houttei (Bridalwreath). 3 to 4 ft.	.50	3.50	30.00
4 to 5 ft.	.60	4.00	35.00
SYMPHORICARPOS.			
Chenaulti. 3 to 4 ft.	.50	4.00	.....
Racemosus (Snowberry). 2 to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.40	3.00	25.00
Vulgaris (Indian Currant). 3 to 4 ft.	.30	2.50	20.00
SYRINGA (Lilac) **Japonica.** 3 to 4 ft.	.75	6.50	.....
Persian Purple. 18 to 24 in.	.40	3.00	25.00
2 to 3 ft.	.50	4.00	35.00
Vulgaris Purpurea. 3 to 4 ft.	.50	4.50	40.00
4 to 5 ft.	.60	5.00	45.00
NAMED FRENCH VARIETIES.			
Belle de Nancy, Marie Le Graye, Charles X, Pres. Grevy. 3 to 4 ft., bushy	1.50	12.50	.....
Edith Cavell, Lucie Baltet, Monge, Pres. Poincare. 2 to 3 ft.	1.75	.....	.....
Congo, Lucie Baltet, Edith Cavell. 3 to 4 ft.	2.25	.....	.....
TAMARIX Hispida Aestivalis. 18 to 24 in.	.50	4.00	.....
VIBURNUM Americanum.			
3 to 4 ft.	.60	5.00	45.00
Carlesi (Clove-Scented Snowball). 18 to 24 in.	1.75	.....	.....
Dentatum. 4 to 5 ft.	.60	5.00	40.00
5 to 6 ft.	.75	6.00	.....
Lantana. 3 to 4 ft.	.50	4.00	35.00
4 to 5 ft.	.60	4.50	40.00
5 to 6 ft.	.70	5.00	45.00
Lentago. 4 to 5 ft.	.60	5.00	.....
5 to 6 ft.	.75	6.50	.....
6 to 8 ft.	1.00	9.00	.....
Opulus. 18 to 24 in.	.40	3.50	27.50
2 to 3 ft.	.50	4.50	40.00
Opulus Sterile. 2 to 3 ft.	.50	4.00	35.00
3 to 4 ft.	.60	5.00	40.00
VITEX Macrophylla. 18 to 24 in.	.60	5.00	.....
ULMUS Pumila, Chinese Elm Hedging—See Trees.			
WEIGELA Abel Carrieri. 3 to 4 ft.	.60	4.50	40.00
Bristol Ruby (Patent No. 492). 2 to 3 ft.	1.00	9.00	.....

CLEMATIS Jackmani

Hardy Vines

AMPELOPSIS.	Each	10	100
Engelmani. A hardy and quick-growing, self-clinging vine. 2-year	$0.40	$3.00	.....
Veitchi (Boston Ivy). The grandest hardy climbing vine that clings tightly to stone or brick. Good glossy green leaves, three-lobed. 2-year No. 1	.50	4.00	$35.00
ARISTOLOCHIA Sipho (Dutchman's Pipe). 2-year, grafted	.75	6.00	.....
BIGNONIA Radicans. Showy trumpet-shaped flowers of brilliant orange-scarlet. 2-year	.40	3.00	25.00
Mme. Gallen. More dwarf than above, but has immense flower clusters. 2-year, grafted	.75	6.00	.....
CELASTRUS Scandens (American Bittersweet). Hardy climber, with orange-capsuled fruit in autumn. 2-year	.40	3.00	25.00
CLEMATIS—Small-Flowering Paniculata. The finest small-flowering Clematis. Pure white, deliciously fragrant flowers. September. 2-year	.50	4.50	.....
CLEMATIS—Large-Flowering.			
Henryi, single white; **Jackmani,** rich deep purple; **Mme. Ed. Andre,** wine-red; **Ramona,** blue. 2-year No. 1	.60	5.00	45.00
3-year	.90	7.50	.....
2½-inch pots	.40	2.50	20.00
Mr. G. J. Patijn (New). Double silver blue. 2-yr.	.90	7.50	.....
Comtesse de Bouchard (New). Satiny rose. 2-yr.	.90	7.50	.....
Lord Neville (New). Rich velvety violet-purple. 2-yr.	.90	7.50	.....
Crimson King. Bright red. 2-year	.90	7.50	.....
Prins Hendrik. Azure-blue. 2-year	1.25	.....	.....
CLEMATIS. Duchess of Albany (New). Pink trumpet-shaped flowers about 3½ to 4 inches long. 2-year	1.25	.....	.....
HEDERA Helix Gracilis. (Small-Leaved English Ivy). Similar to the English Ivy, but is hardy and has smaller leaves. Succeeds in shade; makes an excellent ground cover. 3-inch pots	.40	3.00	20.00
HYDRANGEA Petiolaris (Climbing Hydrangea). Large clusters of white flowers in July. 4-inch pots	.75	6.00	.....
LONICERA—Honeysuckle, Heckrotti. Flowers dark red and creamy yellow. 2-year	.50	3.50	30.00
Japonica Halliana (Hall's Honeysuckle). Very fragrant pure white flowers changing to yellow. 2-year	.40	2.50	20.00
POLYGONUM Auberti. Fast growing vine, producing foamy masses of white flowers in late summer. 2-year	.60	4.50	37.50
2½ in. pots	.40	2.50	20.00
WISTERIA.			
Multijuga Floribunda Rosea (Pink Japanese Wisteria). 1-year grafts	.90	7.50	.....
Sinensis Alba. Pure white flowers. 2-year grafts	.75	6.00	.....
Sinsenis Purpurea. Flowers purple. 2-year grafts	.75	6.00	50.00

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Ornamental and Shade Trees

AMERICAN ELM, MOLINE TYPE

All our trees are nursery grown and are one or more times transplanted.

	Each	10	100
ACER Dasycarpum (Silver Maple).			
8 to 10 ft., 1 to 1¼ in. caliper	$1.25	$11.00	$100.00
8 to 10 ft., 1¼ to 1½ in. caliper	1.50	12.50	.....
Ginnala (Amur Maple).			
4 to 5 ft.	1.00	7.50	.....
5 to 6 ft.	1.25	11.00	.....
6 to 8 ft.	2.00	17.50	.....
Platanoides (Norway Maple).			
8 to 10 ft., 1 to 1¼ in. caliper	2.25	20.00	.....
8 to 10 ft., 1¼ to 1½ in. caliper	3.00	27.50	.....
10 to 12 ft., 1½ to 1¾ in. caliper	3.50	.....	.....
10 to 12 ft., 1¾ to 2 in. caliper	4.00	.....	.....
Write for prices on all maples in larger sizes.			
Platanoides Columnare (Columnar Norway Maple). 7 to 8 ft.	3.00	27.50	.....
8 to 9 ft.	3.50	32.50	.....
Platanoides Schwedleri (Schwedler Maple).			
8 to 10 ft.	3.25	31.00	.....
12 to 14 ft., 2½ to 2¾ in. caliper	10.00	.....	.....
12 to 14 ft., 2¾ to 3 in. caliper	11.50	.....	.....
14 to 16 ft., 3 to 3¼ in. caliper	13.00	.....	.....
14 to 16 ft., 3½ to 3¾ in. caliper	14.50	.....	.....
BETULA.			
Alba (European White Birch).			
5 to 6 ft. clumps	2.00	17.50	.....
6 to 7 ft. clumps	2.50	22.50	.....
8 to 10 ft.	2.50	22.50	.....
Pendula Gracilis (Cut-Leaved Weeping Birch).			
8 to 9 ft.	3.00	27.50	.....
CERCIS Canadensis (American Redbud).			
3 to 4 ft.	1.00	9.00	.....
CORNUS Florida (White Flowering Dogwood).			
2 to 3 ft., B. & B.	2.25	.....	.....
CORNUS Florida Rubra (Pink Flowering Dogwood).			
2 to 3 ft., B. & B.	3.00	.....	.....
3 to 4 ft., B. & B.	4.00	.....	.....
CRATAEGUS (Hawthorn).			
Carrieri. 3 to 4 ft.	.75	6.50	60.00
4 to 5 ft.	1.00	9.00	75.00
5 to 6 ft.	1.50	12.50	.....
6 to 8 ft.	2.50	.....	.....
Coccinea (Thicket Hawthorn). 3 to 4 ft.	.75	6.50	60.00
4 to 5 ft.	1.00	9.00	75.00
5 to 6 ft.	1.50	12.50	.....
6 to 7 ft., specimens, B. & B.	6.00	.....	.....
Cordata. 8 to 10 ft., specimens, B. & B.	12.50	.....	.....
10 to 12 ft., specimens, B. & B.	14.00	.....	.....
Crusgalli. 3 to 4 ft.	1.00	9.00	.....
4 to 5 ft.	1.50	12.50	.....
5 to 6 ft.	2.50	22.50	.....
Mollis. 3 to 4 ft.	.75	6.50	.....
4 to 5 ft.	1.00	9.00	.....
5 to 6 ft.	1.75	15.00	.....
Oxyacantha Splendens. (Paul's Dbl. Scarlet Hawthorn). 4 to 5 ft.	2.25	20.00	.....
6 to 7 ft., 1 to 1¼ in. caliper, B. & B.	6.50	.....	.....
6 to 7 ft., 1¼ to 1½ in. caliper, B. & B.	8.50	.....	.....
Write for prices of Crataegus in larger sizes.			

	Each	10	100
GLEDITSIA Triacanthos Inermis (Thornless Honeylocust). 6 to 8 ft.	$1.25	$10.00	$ 90.00
8 to 10 ft., 1 to 1¼ in. caliper	2.50	22.50	.....
8 to 10 ft., 1¼ to 1½ in. caliper	3.00	27.50	.....
10 to 12 ft., 1½ to 1¾ in. caliper	3.50	.....	.....
Gleditsia Triacanthos (Honeylocust).			
8 to 10 ft., 1 to 1¼ in. caliper	1.75	15.00	.....
8 to 10 ft., 1¼ to 1½ in. caliper	2.00	17.50	.....
LIRIODENDRON Tulipifera.			
6 to 8 ft.	2.00	17.50	.....
8 to 10 ft.	2.50	.....	.....
MAGNOLIA			
Soulangeana. 4 to 5 ft., B. & B.	10.00	.....	.....
Soulangeana Lennei (Lenne M).			
3 to 4 ft., B. & B.	8.00	.....	.....
Stellata (Halleana) (Star M). 18 to 24 in., B. & B.	5.00	.....	.....
2 to 2½ ft., B. & B.	6.00	.....	.....
MALUS (Flowering Crab Apples).			
Hoppi (Hopa Crab). 3 to 4 ft.	.90	7.50	.....
Hoppi, Eleyi. 4 to 5 ft.	1.25	11.00	.....
Atrosanguinea, Eleyi, Floribunda. 6 to 8 ft., 1¼ to 1½ in. caliper, transplanted specimens	3.75	35.00	.....
Atrosanguinea, Baccata, Eleyi, Floribunda. 6 to 8 ft., 1½ to 1¾ in. caliper, transplanted specimens	4.50	40.00	.....
Atrosanguinea, Eleyi. 6 to 8 ft., 1¾ to 2 in. caliper, transplanted specimens	5.00	.....	.....
Atrosanguinea. Bush form specimens, 6 to 8 ft.	4.50	.....	.....
Eleyi. Bush form, 7 to 8 ft. transplanted	4.50	40.00	.....
Ioensis Bechteli (Bechtel's Dbl. Flowering Crab).			
3 to 4 ft.	1.25	10.00	.....
4 to 5 ft.	1.65	15.00	.....
5 to 6 ft., 1 to 1¼ in. specimens	4.00	.....	.....
Sargenti. 5 to 6 ft., 1¼ to 1½ in. caliper	3.75	35.00	.....
5 to 6 ft., 1½ to 1¾ in. caliper	5.00	.....	.....
POPULUS (Poplar).			
Nigra Italica (Lombardy Poplar). A valuable tree for landscape work and screens. Our trees are very fine, being branched from the ground.			
8 to 10 ft., 1 to 1¼ in. caliper	.75	6.00	50.00
8 to 10 ft., 1¼ to 1½ in. caliper	1.00	7.50	65.00
10 to 12 ft., 1½ to 1¾ in. caliper	1.25	10.00	90.00
10 to 12 ft., 1¾ to 2 in. caliper	1.50	12.50	100.00
12 to 14 ft., 2 to 2¼ in. caliper	2.00	15.00	.....
PRUNUS			
Newport (Purple-leaved). 2 to 3 ft.	.60	5.00	.....
4 to 5 ft.	1.00	9.00	.....
5 to 6 ft.	1.25	.....	.....
Triloba (Flowering Plum). 2 to 3 ft.	.65	5.00	.....
3 to 4 ft.	.90	7.50	.....
SALIX Blanda (Wisconsin Weeping Willow).			
6 to 8 ft.	1.50	12.50	.....
SORBUS Aucuparia (European Mountain Ash).			
8 to 10 ft., 1 to 1¼ in. caliper	2.25	20.00	.....
Sorbus Quercifolia (Oakleaf Mountain Ash).			
8 to 10 ft.	2.50	22.50	.....
TILIA Platyphyllos Pyramidalis (Pyramidal European Linden). 6 to 8 ft.	2.50	22.50	.....
6 to 8 ft., specimens, B. & B.	6.50	.....	.....
8 to 10 ft., 1 to 1¼ in. caliper	2.75	25.00	.....
8 to 10 ft., specimens, B. & B.	10.00	.....	.....
ULMUS Americana Molini (American Moline Elm).			
8 to 10 ft., 1¼ to 1½ in. caliper	2.50	22.50	.....
10 to 12 ft., 1½ to 1¾ in. caliper	3.00	27.50	.....
12 to 14 ft., 2¾ to 3 in. caliper	5.50	50.00	.....
14 to 16 ft., 3 to 3¼ in. caliper	6.50	60.00	.....
16 to 18 ft., 3¼ to 3½ in. caliper	8.50	80.00	.....
16 to 18 ft., 3½ to 3¾ in. caliper	10.00	.....	.....
Americana Urni (American Vase-Shaped Elm).			
10 to 12 ft., 1½ to 1¾ in. caliper	3.00	27.50	.....
10 to 12 ft., 1¾ to 2 in. caliper	3.25	30.00	.....
12 to 14 ft., 2 to 2¼ in. caliper	3.75	35.00	.....
12 to 14 ft., 2¼ to 2½ in. caliper	4.25	40.00	.....
14 to 16 ft., 2½ to 2¾ in. caliper	4.75	45.00	.....
14 to 16 ft., 2¾ to 3 in. caliper	5.50	50.00	.....
3 to 3¼ in. caliper	6.50	60.00	.....
3¼ to 3½ in. caliper	8.50	80.00	.....
3½ to 4 in. caliper	10.00	.....	.....
Pumila (Chinese Elm).			
8 to 10 ft., 1 to 1¼ in. caliper	1.90	17.50	.....
8 to 10 ft., 1¼ to 1½ in. caliper	2.25	20.00	.....
10 to 12 ft., 1½ to 1¾ in. caliper	2.75	25.00	.....
10 to 12 ft., 1¾ to 2 in. caliper	3.25	30.00	.....
10 to 12 ft., 2 to 2¼ in. caliper	3.75	35.00	.....
10 to 12 ft., 2¼ to 2½ in. caliper	4.25	40.00	.....
12 to 14 ft., 2½ to 2¾ in. caliper	4.50	42.50	.....
Pumila—Chinese Elm Hedging.			
2 to 3 ft. seedling, not transplanted	....	1.00	7.50

Write for prices on all Elms in larger sizes.

All prices f.o.b. our nursery, Western Springs, Ill. Subject to change without notice.

All trees personally selected in our nursery will be charged for according to their value.

Vaughan's Evergreens

JUNIPERUS Chinensis Pfitzeriana
(Pfitzer Juniper) Best of All Evergreens

Prices listed, unless otherwise noted, include balling and burlapping. All our Evergreens are two or more times transplanted.

	Each	10	100
JUNIPERUS Canadensis (Canadian Juniper). Of low-spreading, irregular form with foliage of blue-green.			
18 to 24 in.	$1.75	$15.00	.....
24 to 30 in.	2.00	17.50	.....
Chinensis Keteleeri. Of broad pyramidal form; green foliage.			
2½ to 3 ft.	3.00	27.50	.....
3 to 3½ ft.	3.75	35.00	.....
3½ to 4 ft.	4.50	42.50	.....
4 to 4½ ft.	5.25	50.00	.....
5½ to 6 ft.	8.00	75.00	.....
6 to 6½ ft.	9.00	85.00	.....
JUNIPERUS Chinensis Pfitzeriana (Pfitzer Juniper). One of the best of all Junipers. Broad bushy habit. Thick, rich green foliage, giving feathery appearance.			
15 to 18 in. spread	1.80	16.50	$150.00
18 to 24 in. spread	2.50	22.50	200.00
2 to 2½ ft. spread	3.50	32.50	300.00
2½ to 3 ft. spread	4.50	40.00	.....
3 to 3½ ft. spread	5.25	47.50	.....
3½ to 4 ft. spread	6.50	62.50	.....
4 to 4½ ft. spread	7.50	.....	.....
6 to 7 ft. spread	15.00	.....	.....
7 to 8 ft. spread	17.50	.....	.....
Chinensis Pfitzeriana (Upright Pfitzer). These have been staked into an upright growing habit.			
2½ to 3 ft.	5.00	47.50	.....
3 to 3½ ft.	5.50	52.50	.....
3½ to 4 ft.	7.50	.....	.....
4 to 4½ ft.	9.00	.....	.....
Chinensis Pfitzeriana Compacta. A compact form of the popular Pfitzer Juniper. Has light gray green foliage.			
2 to 2½ ft.	4.00	37.50	.....
2½ to 3 ft.	4.75	45.00	.....
Chinensis Procumbens. Long trailing branches; foliage glaucous green. 2½ to 3 ft. spread	3.50	32.50	.....
3 to 3½ ft. spread	4.00	37.50	.....
Chinensis Sargenti Glauca (Blue Sargent Juniper). Hardy creeping variety with bluish foliage.			
2 to 2½ ft.	3.50	.....	.....
Communis Hibernica (Irish Juniper). Very narrow, symmetrical tree with glaucous green foliage.			
3½ to 4 ft.	4.00	37.50	.....
4 to 4½ ft.	4.50	42.50	.....
Horizontalis Plumosa (Andorra Juniper). Of low-spreading, irregular form with bright green foliage, reddish purple in fall. 2½ to 3 ft.	3.75	35.00	.....
3 to 3½ ft.	4.25	.....	.....
Sabina (Savin Juniper). Dark green foliage. Spreading, semi-erect branches. 18 to 24 in.	2.00	17.50	.....
2 to 2½ ft.	2.50	22.50	.....
Sabina Prostrata Horizontalis. Light green foliage. Low-spreading branches that form a dense mat over the ground. 2½ to 3 ft.	2.75	25.00	.....
3 to 3½ ft.	3.25	30.00	.....
Sabina Von Ehron. Semi-spreading, picturesque drooping branches, and very dark green foliage.			
2 to 2½ ft.	3.00	25.00	.....
2½ to 3 ft.	3.50	32.50	.....
3 to 3½ ft.	4.00	37.50	.....

JUNIPERUS—Continued	Each	10	100
Sabina Von Ehron-Upright. Staked form of above.			
2½ to 3 ft.	$3.50	$32.50	.....
3 to 3½ ft.	4.00	37.50	.....
5½ to 6 ft.	9.00	.....	.....
Scopulorum, Colorado J. A blue green narrow columnar form. 4 to 4½ ft.	4.00	37.50	.....
4½ to 5 ft.	4.50	.....	.....
Scopulorum Selected Blue, Colorado Silver J.			
4 to 4½ ft.	5.00	.....	.....
4½ to 5 ft.	5.50	.....	.....
Scopulorum Chandleri, Chandler's Silver J. A compact pyramid, bright silvery blue.			
3 to 3½ ft.	4.25	40.00	.....
3½ to 4 ft.	4.75	45.00	.....
Scopulorum Gareei, Garees J., Intermediate upright, blue green. 3 to 3½ ft.	4.00	37.50	.....
Virginiana (Red Cedar). Tall-growing, of dense conical habit. Foliage dark green, bronze in winter.			
2½ to 3 ft.	2.25	20.00	.....
3 to 3½ ft.	2.50	22.50	.....
3½ to 4 ft.	2.75	25.00	.....
6 to 7 ft.	6.50	62.50	.....
7 to 8 ft.	7.00	.....	.....
8 to 9 ft.	8.50	80.00	.....
9 to 10 ft.	10.00	.....	.....
10 to 12 ft.	11.50	.....	.....
Virginiana Burki. Of compact pyramidal growth; dark steel blue foliage. 3 to 3½ ft.	3.75	35.00	.....
3½ to 4 ft.	4.50	42.50	.....
5 to 5½ ft.	7.00	.....	.....
Virginiana Cannarti (Cannart Red Cedar). Rich, deep green foliage, heavily tufted.			
3 to 3½ ft.	4.50	40.00	.....
3½ to 4 ft.	5.00	45.00	.....
4 to 4½ ft.	5.50	50.00	.....
4½ to 5 ft.	6.25	57.50	.....
5 to 5½ ft.	7.00	65.00	.....
7 to 7½ ft.	10.00	.....	.....
7½ to 8 ft.	12.50	.....	.....
9 to 10 ft.	16.50	.....	.....
Virginiana Glauca (Silver Red Cedar). A form of the Red Cedar with silvery tinged foliage.			
3½ to 4 ft.	4.50	42.50	.....
4 to 4½ ft.	5.25	50.00	.....
4½ to 5 ft.	6.00	57.50	.....
5 to 5½ ft.	6.50	62.50	.....
5½ to 6 ft.	7.50	70.00	.....
7 to 7½ ft.	10.00	.....	.....
7½ to 8 ft.	11.00	.....	.....
8 to 9 ft.	12.50	.....	.....
9 to 10 ft.	15.00	.....	.....
Virginiana Hilli (Dundee Juniper). Of dense, conical form; foliage bluish gray green, fine plum color in fall and winter.			
3½ to 4 ft.	5.25	50.00	.....
4 to 4½ ft.	6.00	57.50	.....
4½ to 5 ft.	7.50	72.50	.....
Virginiana Schotti (Schott Red Cedar). Fresh green foliage that does not change in winter. 3 to 3½ ft.	4.50	40.00	.....
3½ to 4 ft.	5.00	45.00	.....
5½ to 6 ft.	7.50	72.50	.....

THUJA OCCIDENTALIS
(American Arborvitae)

PINUS SYLVESTRIS
(Scotch Pine)

EVERGREENS—Continued	Each	10	100
PACHYSANDRA Terminalis (Evergreen Spurge). Excellent groundcover for shady places. 2¼ inch pots		$1.50	$10.00
PICEA.			
Canadensis Albertiana (Black Hill Spruce). A very hardy, compact-growing spruce with dark green foliage. 2 to 2½ ft	$3.00	27.50	.....
2½ to 3 ft	3.50	32.50	.....
3 to 3½ ft	4.25	40.00	.....
3½ to 4 ft	4.50	42.50	.....
4 to 4½ ft	5.50	52.50	.....
Pungens (Colorado Green Spruce). Bluish green foliage. 2 to 2½ ft	2.75	25.00	.....
2½ to 3 ft	3.25	30.00	.....
3 to 3½ ft	4.00	37.50	.....
3½ to 4 ft	4.75	45.00	.....
Pungens Glauca (Colorado Blue Spruce). Selected blue form of the above. 4½ to 5 ft	10.00	.....	.....
5 to 5½ ft	12.00	.....	.....
5½ to 6 ft	14.00	.....	.....
Larger Sizes, Prices on Application.			
Pungens Moerheimi (Moerheim Blue Spruce). Foliage of bright intense blue, grown from grafts. Superior to the Koster Blue Spruce. 4½ ft	14.00	.....	.....
5 ft	16.00	.....	.....
7 ft	27.50	.....	.....
8 ft	32.50	.....	.....
9 ft	40.00	.....	.....
PINUS Montana Mughus (Mugho Pine). A low-growing round topped evergreen, fine for rock planting and foundation work.			
12 in	1.50	12.50	.....
15 in	2.25	20.00	.....
18 in	2.75	25.00	.....
2 ft	3.50	32.50	.....
2½ ft	4.25	.....	.....
Nigra (Austrian Pine). A robust, stately tree of rapid growth, and very hardy. 2½ to 3 ft	2.50	22.50	.....
3 to 3½ ft	3.25	.....	.....
Resinosa (Red Pine). A hardy tree with long glossy green needles. 2½ to 3 ft	3.00	27.50	.....
3 to 3½ ft	3.25	30.00	.....
Sylvestris (Scotch Pine). 2½ to 3 ft	2.00	17.50	.....
3 to 3½ ft	2.25	20.00	.....
4 to 4½ ft	3.50	32.50	.....
TAXUS Cuspidata (Japanese Yew). Rich dark green foliage; spreading bushy habit. Does best in shade.			
15 to 18 in	3.75	35.00	.....
18 to 24 in	5.00	47.50	.....
2 to 2½ ft	6.00	57.50	.....
2½ to 3 ft	7.50	.....	.....
TAXUS Cuspidata Capitata (Upright Japanese Yew). Erect, symmetrical form of the above.			
18 to 24 in	4.25	40.00	.....
2 ft	5.00	47.50	.....
2½ ft	6.00	57.50	.....

TAXUS—Continued	Each	10	100
Cuspidata Nana (Dwarf Japanese Yew).			
2½ ft. specimens	$10.00	.....	.....
3 ft. specimens	14.00	.....	.....
Cuspidata Intermedia (Intermedia Yew). Similar to the Dwarf Japanese Yew, but a faster grower. 18 to 24 in	5.00	.....	.....
3½ to 4 ft	17.50	.....	.....
Media Hatfieldi (Hatfield Yew). 2 ft	5.50	.....	.....
2½ ft	7.50	.....	.....
Hicksi (Hick's Yew). Very compact, narrow upright. 2 ft	4.00	$37.50	.....
2½ ft	5.00	47.50	.....
THUJA Occidentalis (American Arborvitae).			
3½ to 4 ft	2.35	21.00	.....
4 to 4½ ft	2.50	22.50	.....
4½ to 5 ft	2.75	25.00	.....
5 to 5½ ft	3.50	32.50	.....
5½ to 6 ft	4.00	37.50	.....
6 to 6½ ft	4.50	40.00	.....
6½ to 7 ft	5.00	45.00	.....
7 to 8 ft	6.00	55.00	.....
8 to 9 ft	7.00	65.00	.....
Occ. Douglasi Pyramidalis (Douglas Pyramidal Arborvitae). Of compact, tall slender form; foliage dark green with lighter tips. 4½ to 5 ft	3.50	32.50	.....
5 to 5½ ft	4.00	37.50	.....
Occ. Globosa (Am. Globe Arborvitae). A round, compact form, dark green foliage. 12 in	1.50	12.50	.....
15 in	1.75	15.00	.....
18 in	2.00	17.50	.....
2 ft	2.50	22.50	.....
Occ. Pyramidalis (Am. Pyramidal Arborvitae). A compact, narrowly pyramidal tree with bright green foliage. 2½ to 3 ft	2.00	17.50	.....
3 to 3½ ft	2.25	20.00	.....
3½ to 4 ft	2.50	22.50	.....
4 to 4½ ft	2.75	25.00	.....
4½ to 5 ft	3.00	27.50	.....
5 to 5½ ft	3.50	32.50	.....
5½ to 6 ft	4.25	40.00	.....
6 to 6½ ft	4.50	42.50	.....
6½ to 7 ft	5.00	45.00	.....
7 to 8 ft	6.00	55.00	.....
8 to 9 ft	7.00	65.00	.....
Occ. Rosenthali (Rosenthal Arborvitae). Dark green dense foliage; compact grower. 2½ to 3 ft	2.50	22.50	.....
3 to 3½ ft	2.75	25.00	.....
3½ to 4 ft	3.00	27.50	.....
Occ. Wareana (Ware Arborvitae). Of dense, broad, pyramidal form with rich green foliage. Very hardy. 3½ to 4 ft	3.00	27.50	.....
4 to 4½ ft	3.75	35.00	.....

All evergreens personally selected and tagged in the Nursery, will be charged for according to their value, usually 25% above catalog price.

All Prices F. O. B. Our Nurseries, Western Springs, Ill., Subject to Change Without Notice. Packing Charges Additional at Cost.

Vaughan's Peonies

All Prices are F.O.B. Western Springs, Ill.
Packing Charges to be added at cost.

5 of a Kind at the 10 Rate—25 of a Kind at the 100 Rate

We have put the following varieties in storage and can only supply them in divisions from 3 to 5 eyes while the stock lasts.

Peonies may be planted in early spring with good results.

WHITE AND LIGHT SORTS

	Each	10	100
8.1 **Couronne d'Or.** Large semi-rose type. White with yellow stamens. Medium tall. Late midseason	$0.40	$3.50	$30.00
8.1 **Duchess de Nemours.** Superb, cup-shaped, sulphur white flowers with a greenish reflex. Early, free bloomer; fragrant. Good commercial variety	.40	3.50	27.00
9.3 **Festiva Maxima.** Popular large white. Early	.40	3.50	27.00
7.9 **Mad. de Verneville.** Fragrant flowers, very full double, pure white, with center delicately tinted bluish. Early	.40	3.50	27.00

LIGHT AND DARK PINK AND ROSE

8.9 **Georgiana Shaylor.** Large, flat, pale rose-pink with crimson flecks. Strong grower and midseason bloomer	.50	4.00	.....
8.5 **Octavie Demay.** Very large, flat crown, guards and center delicate hydrangea-pink, collar almost white. Very fragrant, very dwarf. Early	.40	3.50	30.00
8.7 **Reine Hortense (Pres. Taft).** One of the finest Peonies. A vigorous strong grower, a profuse bloomer and an excellent cut-flower variety. The flowers are extremely large and in color are a uniform light pink, center flecked crimson. Midseason	.50	3.50	30.00
9.5 **Therese.** Immense, flat blooms of violet rose changing to lilac-white; early midseason	.75	6.00	.....

RED AND CRIMSON

8.2 **Grover Cleveland.** Rose type; late. Rich, dark crimson; a strong grower	.50	3.50	30.00

UN-NAMED PEONIES—Divided Roots of from 3 to 5 Eyes

	Each	10	100
Double Pink	$0.40	$3.50	$27.00
Double White	.40	3.50	27.00
Double Red	.40	3.50	27.00

Vaughan's Irises

"S" refers to the three standard or upright curling petals.
"F" refers to the three falls or drooping petals.

All prices are F.O.B. Western Springs, Ill., packing charges to be added at cost.

	Each	10	100
Autumn King. 30 in. A large blue-purple bicolor	$0.20	$1.75	.....
Buechly Giant. 40 in. Clear lavender-blue bicolor of perfect form and sensational size	.25	2.00	.....
Coronation. 40 in. A brilliant, clear deep golden yellow of fine form and substance	.20	1.50	.....
Crystal Beauty. 40 in. Large, perfectly shaped flowers of pure, snow-white on well-branched stalks	.25	2.00	.....
Depute Nomblot. 50 in. "S" coppery-red, flushed bronze; "F" claret crimson. A magnificent Iris	.20	1.75	.....
Eleanor Roosevelt. 28 in. Deep velvety purple self	.30	2.50	.....
Elmohr. 36 in. A hardy colossal seedling of Wm. Mohr. Color reddish mulberry with pinkish glow; of great brilliance	7.00	.....	.....
Ethelwyn Dubuar. Very fine large flowers of deep pink with delightful ruffling	.25	2.00	.....
Frieda Mohr. 42 in. A gigantic pink-toned Iris of perfect form and brilliant coloring. Fragrant	.20	1.75	.....
Golden Treasure. 38 in. Exquisite creamy-yellow with golden heart. Huge flowers; very floriferous	.35	2.50	.....
Gudrun. 36 in. Enormous, well shaped flowers of lovely pure white, dusted with soft gold at the throat	.30	2.50	.....
Indian Hills. 37 in. A stunning Iris of rich wine purple	.35	2.50	.....
Junaluska. 40 in. "S" rosy copper threaded with gold; "F" brilliant copper-red. Huge flowers of perfect form.	.35	2.50	.....
Ormohr. 40 in. Extra-large blooms of soft gray lavender, veined violet with rosy glow. Hardy. Easy to grow	1.00	.....	.....
Rameses. 36 in. Pink and buff with a yellow glow at the center	.20	1.75	$12.00
Red Dominion. 40 in. An outstanding variety of glowing ox-blood red	.25	2.00	.....
Sensation. 48 in. Enormous corn-flower blue flowers of perfect form and heavy substance	.25	2.00	15.00
Sierra Blue. 48 in. Enormous flowers of soft, clear enamel-like blue. A 1935 medal winner	.25	2.00	.....
Tiffany. 36 in. Plicata of yellow gaily stitched in burnished rosy bronze. Hardy and free flowering	.50	4.50	.....
Venus de Milo. 40 in. Pure white with a rich creamy tone	.25	1.75	10.00
Winneshiek. 36 in. A velvety black bicolor	.25	2.00	.....
Wm. Mohr. 26 in. Basic Color is pale lilac with "S" flushed darker. Beautifully veined manganese-violet. One of the most remarkable Iris ever raised	.25	2.00	15.00

Vegetable Plants With a Pedigree

Vaughan's Seeds of Table Quality Varieties are a Sure Selling Specialty

ONE of the most profitable spring crops for the greenhouse or hot-bed plant is seedling vegetable plants for home gardeners. Grow your plants from Vaughan's seeds and advertise the fact. It will bring you discriminating customers and higher prices. On this page we describe some of the varieties which we recommend for vigorous and fast selling plants.

For other varieties, see the vegetable list on the followng pages or write for a copy of our retail catalogue, which gives a complete list of vegetables with full descriptions. By advertising that your plants are grown from Vaughan's seeds you will attract customers from the thousands who have received this catalogue.

CABBAGE, COPENHAGEN MARKET

BROCCOLI

Green Sprouting Calabrese. 70 days. The best strain for Market, Home Garden or freezing, suitable in north or south. 18 inches tall; branching, forming compact head of bluish green flower buds. After the main head is removed smaller heads are produced from the branches which continue to the end of the season. Pkt., 25c; oz., 40c; ¼ lb., $1.35; lb., $4.00.

YELLOWS-RESISTANT CABBAGE

We offer the best resistant strains of cabbage seed through the cooperation of some of the best cabbage experts in the district of Racine, Wisconsin. We can not offer anything resistant to virus, as no method of breeding or treatment is known to have any effect on this disease. As a second precaution, everyone should give the hot water treatment to cabbage seed to insure freedom from black rot. Just before planting soak the seed for 30 minutes in water heated to 122° F.

Bugner. 100 days. This is the most popular of all the green types of cabbage for Market, Home Garden, Kraut and storage. It is one of the heaviest for size of head, being firm, tender and excellent quality. 8 inches round, flattened slightly, deep through, 7 inches, weighing 10 pounds or more, outer leaves deep purplish green with a tight folded leaf covering the head. Pkt., 20c; oz., $1.20; ¼ lb., $3.50; lb., $10.00.

Globe. Matures in about 60 days. The earliest yellows-resistant cabbage yet developed. A solid, round head of excellent flavor, crisp and tender. Pkt., 20c; oz., 50c; ¼ lb., $1.50; lb., $5.00.

Jersey Queen. 60 days. Very similar to Early Jersey Wakefield, but bred for resistance to yellows. Pkt., 15c; oz., 50c; ¼ lb., $1.50; lb., $5.00.

Red Yellows Resistant. 100 days. While this is not quite as large as the Long Island Mammoth Rock Red strain, it is darker and more uniform; being yellows resistant, is safer to grow. All sections of the country are becoming infested with yellows so it is important that resistant strains be more extensively used. Pkt., 20c; oz., 80c; ¼ lb., $2.35; lb., $7.00.

Marion Market. 75 days. The third yellows-resistant cabbage to mature. Of an excellent Copenhagen Market type, though later than select Copenhagen, coming a short time before Glory of Enkhousen. Pkt., 15c; oz., 50c; ¼ lb., $1.50; lb., $5.00.

Standard Bred Cabbages

Reselected Copenhagen Market Extra Early. Matures in about 62 days. Earliest of the large heading cabbages, maturing even before the conical types. Market growers have reported their entire crop of this strain harvested before heads from other seed of this variety were ready to cut.

Reselected Tested Stock. Oz., 50c; ¼ lb., $1.50; lb., $4.50.

Early Jersey Wakefield. 62 days. Very pointed, hard head, 7 inches long, 5 inches wide. Desirable for the southern trade; stands close planting, weight, 3 lbs. Pkt., 10c; oz., 45c; ¼ lb., $1.20; lb., $3.50.

Golden Acre.

Matures in about 60 days. This early round headed variety is slightly earlier than our reselected extra early Copenhagen Market and is similar in most other respects, except that its heads are slightly smaller, weighing 4 to 5 lbs. Oz., 50c; ¼ lb., $1.45; lb., $4.50.

GOLDEN ACRE DANISH GROWN. Oz., 50c; ¼ lb., $1.50; lb., $5.00.

Glory of Enkhousen. Matures in about 80 days. This globe-shaped, medium early variety is of excellent flavor and crispness, producing heads weighing eight to ten pounds, and more uniform than the earlier types. Oz., 45c; ¼ lb., $1.20; lb., $3.50.

Cauliflower

Vaughan's New Snowball. Matures in about 55 days. For early outdoor planting and forcing, as well as for late sowing for the fall crop, this variety is standard. A well grown head measures 9 to 10 inches across with depth in proportion and a perfectly white core. Pkt., 30c; ½ oz., $1.30; oz., $2.50; ¼ lb., $8.25.

Resistant Celery

Michigan Golden (College Golden). Developed at Michigan State Agricultural College. A new strain of self-blanching celery resistant to root rot or crown rot "Fusarium Yellows," bred from the tall strain of Golden self-blanching. Pkt., 40c; ½ oz., $1.15; oz., $2.00; ¼ lb., $6.00.

EGG PLANT, BLACK BEAUTY

CELERY

Easy Blanching. 110 days. Early green variety of erect, compact growth, blanching easily; 18-22 inches tall, stalks thick, solid, excellent flavor. Pkt., 10c; oz., 60c; ¼ lb., $1.80; lb. $5.50.

White Plume. 125 days. Foliage green, tinted white, 18-20-inch stalk blanching easily to nearly white. Pkt., 10c; oz., 60c; ¼ lb., $1.80; lb., $5.50.

Golden Self Blanching Short. 90 days. 20-24 inches tall, stocky, solid, thick, stalks blanching easily. Pkt., 10c; oz., $1.15; ¼ lb., $3.35; lb., $10.00.

CUCUMBER

The Vaughan. 74 days. The largest of outdoor cucumbers, it is also of first table quality. Compared to other Long White Spine varieties, it is much darker in color, more uniform in shape and size, thinner, and more prolific. It is the ideal American forcing variety, as well as an outdoor sort. Pkt., 10c; oz., 30c; ¼ lb., 85c; lb., $2.50.

Colorado, or "A and C." 68 days. A beautifully long, slender, dark green cucumber of excellent shape and intense dark color which is maintained longer than in any other variety. Fruit is inclined to taper, especially at stem end. Seeds form late in season and are few. Pkt., 10c; oz., 30c; ¼ lb., 85c; lb., $2.50.

Straight Eight. 60 days. A white spine which produces a high percentage of fruits perfectly straight, and 8 or more inches long. Pkt., 10c; oz., 30c; ¼ lb., 85c; lb., $2.50.

EGG PLANT

Minnoval. 73 days. Medium size plant bearing 6-8 large fruit, 7x5 inches in shape of a blunt-ended football; dark purple, glossy, excellent for home or market garden. Pkt., 20c; oz., 60c; ¼ lb., $2.00; lb., $6.00.

Black Beauty. 110 days. Twelve days earlier than New York. In shape it is broad and thick, perfectly spineless and smooth; beautiful, rich purple color and handsome lustre. Oz., 60c; ¼ lb., $2.00; lb., $6.00.

KOHLRABI

Early White Vienna. 55 days. Produces bulbs above the ground of a pale greenish white color and are eaten when about 2 inches or more in size. Flavor of turnip. Pkt., 15c; oz., 45c; ¼ lb., $1.40; lb., $4.50.

For other varieties, see complete vegetable list on the following pages.

Bibb Lettuce

Bibb lettuce, sometimes called Limestone, is a fast growing, loose heading variety of exceptional tenderness, which for several years has been grown in the vicinity of Louiseville, Ky., and marketed in luxury hotels of the central west.

As the market spreads, other sections will find it profitable to grow this excellent variety. It produces a crop two weeks earlier than Grand Rapids. It is usually sown in flats, and the plants are transplanted to the bench spaced 6 by 6 inches. When the temperatures run above 75 degrees, this variety quickly bolts. It should be grown with a night temperature about 48-52 degrees, and the day temperature not over 60 degrees on cloudy days.

Lettuce Bibb (Limestone). **57 days.** This dark green, tender, brittle lettuce, which quickly makes loose heads as big as your fist, is becoming well known to chefs of luxury hotels and to high priced food shops. Some say it was once known as "Half Century," others that it was bred by Maj. John Bibb, of Kentucky, born in 1789. It is making a comeback and we can promise you a fine spring crop, but must warn that it goes to seed quickly in hot weather. Pkt., 20c; oz., 40c; ¼ lb., $1.20; lb., $3.50.

Grand Rapids. **About 45 days.** This home garden favorite, also extensively planted for hotbed or greenhouse growing. The leaves are light green, daintily curled, tender, crisp, delicious. Our selected stock has been bred to a high degree of uniformity in type and season.

Vaughan's Extra Selected Stock. Pkt., 10c; oz., 30c; ¼ lb., 85c; lb., $2.50.

May King. **60 days.** Very early variety. The outer leaves are tinged with brown; they fold close, permitting close planting in frames —tender yellow heart. Pkt., 10c; oz., 30c; ¼ lb., 65c; lb., $2.00.

ONION

Valencia Sweet Spanish. **Matures in about 110 days.** Here is a mild, sweet, giant onion of the true Spanish type. From seed it will produce onions weighing a pound; if started in the hotbed, two pound specimens can be grown. Pkt., 20c; ¼ lb., $2.20; lb., $6.50.

Prizetaker—American Grown. **105 days.** Among large onions this one is exceptional for size and beauty. Our American-grown seed has become thoroughly acclimated through many years of very careful, painstaking culture. Prizetaker is a yellow globe that matures to great size under right conditions; it requires a long season and should be started early in hotbed. Pkt., 20c; ¼ lb., $2.20.

Peppers

Vaughan's Giant Magnum Dulce. This fine mild pepper can be grown to immense size—seven inches long and 4 inches through—but when grown so large the yield is small. To get a large yield of medium sized peppers, pinch off the "king flowers," the first ones to open. Pkt., 15c; ½ oz., 35c; oz., 60c; ¼ lb., $1.75.

California Wonder. A mild, sweet, mid-season variety, very large, measuring 4½ inches in length by 4 inches in diameter. It resembles Chinese Giant in form, but has much thicker flesh. It has a crimson fruit. One of the heaviest peppers grown, not as prolific as some, but much more desirable. ½ oz., 35c; oz., 65c; ¼ lb., $2.00.

Early California Wonder. Very similar to California Wonder, 10 days earlier, more prolific and better for northern latitudes. ½ oz., 40c; oz., 75c; ¼ lb., $2.25.

Crimson Giant. One of the earliest large red sweet peppers. In habit the plant grows two and one-half feet high and bears a large quantity of fruits. The peppers are large, deep green when young and a rich red when ripe; flesh thick, sweet and mild. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., $1.75.

Hungarian (Hot). **In 65 days.** A slender hot pepper much prized for canning. It is 1½ inches in diameter at the base and often 10 inches long. Pale green turning to red. Pkt., 15c; ½ oz., 35c; oz., 65c; ¼ lb., $2.00.

Bull Nose, Hot. **In 70 days.** A pungent pepper. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., $1.50.

CROSS SECTION OF BIBB LETTUCE

RADISH

Early Scarlet Globe Select. **(F.) 20 days.** Vaughan's Glasshouse Strain. For hotbed and greenhouse forcing, and outdoor planting. Very early, crisp, mild and tender; rich, bright scarlet in color, of uniform globe shape. It is ready for the table in 25 days.

Short Top—Pkt., 15c; ¼ lb., 35c; lb., $1.00; 100 lbs. at 90c per lb.

Scarlet Turnip White Tip. **26 days.** Vaughan's Selected Stock. This radish is a table dainty, crisp, tender and sweet; it is turnip-shaped, bright scarlet color with white tip, and is a high-class strain for outdoor planting. It combines beautiful appearance with finest radish quality—appealing to the eye and palate.

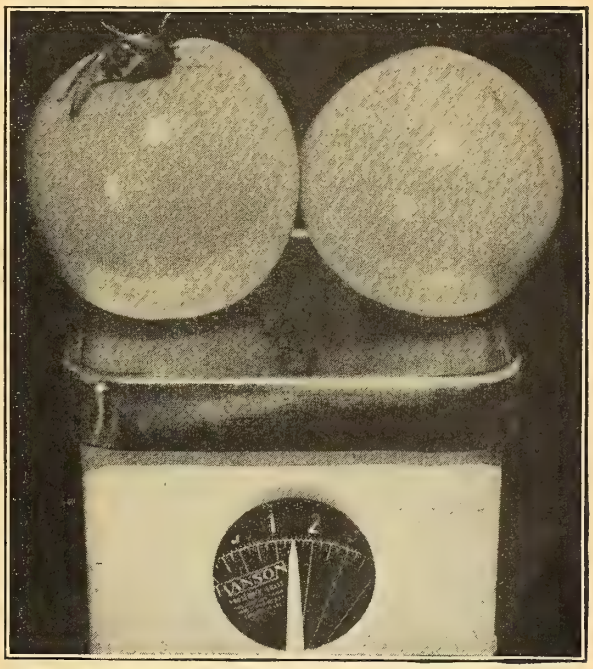
Vaughan's "Sparkler" Strain. Pkt., 10c; ¼ lb., 30c; lb., 85c; 100 lbs. at 75c per lb.

TOMATOES

For Plants Resistant to Wilt

Pritchard. **76 days.** The name of Scarlet Topper somewhat indicates its peculiarity. It is a brilliant red, very productive and has a goodly percent of resistance to wilt. Oz., 65c; ¼ lb., $1.65; lb., $4.75.

Rutgers. **86 days.** An exceptionally heavy producer of good sound heavy walled fruit, medium acid, thick flesh and good shipper. Oz., 50c; ¼ lb., $1.45; lb., $4.00.



TYPICAL FRUITS OF TOMATO JUBILEE

RADISH SCARLET GLOBE

TOMATOES—Continued

Greater Baltimore (Indiana Strain). **In about 82 days.** Similar to Stone and very productive. Fruits deep scarlet, smooth and solid. Pkt., 10c; oz., 50c; ¼ lb., $1.45.

Greater Baltimore (Indiana Strain) certified. Pkt., 10c; oz., 60c; ¼ lb., $1.60.

Marglobe. **77 days.** As early as Bonny Best, produces large, smooth, meaty, globular red fruits which ripen uniformly and are relatively free from cracks.

Marglobe Certified. Pkt., 15c; oz., 50c; ¼ lb., $1.50; lb., $4.50.

STANDARD BRED TOMATOES

Bonny Best. **73 days.** Smooth, large and uniform fruit; yields well until frost. Oz., 45c; ¼ lb., $1.35; lb., $4.00.

Crimson Cushion or Beefsteak. **90 days.** Is very large, round and regular; bright scarlet skin, solid flesh of best quality, seed cells small. Pkt., 10c; ½ oz., 50c; oz., 95c; ¼ lb., $2.65.

Ponderosa—The Giant Tomato. **88 days.** Of the large fruited varieties, this one is most popular. Pkt., 15c; ½ oz., 45c; oz., 85c; ¼ lb., $2.50.

Oxheart. **90 days.** Popular because of its shape, large size, and excellent table qualities. Not a heavy yielder. Pkt., 15c; ½ oz., 60c; oz., $1.00; ¼ lb., $3.00.

Golden Ponderosa. **88 days.** A yellow Ponderosa equal in size to red. ½ oz., 45c; oz., 85c; ¼ lb., $2.65; lb., $8.00.

Vaughan's Special Earliana. **66 days.** Earliest large, smooth bright red tomato. Oz., 85c; ¼ lb., $2.65; lb., $8.50.

Vaughan's Vegetable Seeds for Florists

VAUGHAN'S VEGETABLE SEEDS

FOR 69 years Vaughan's Seed Store has specialized in quality vegetable seeds for commercial as well as amateur growers. We maintain one of the largest seed testing laboratories in the world and neither buy nor sell any seeds that fail to come up to the highest standards of purity and germination. In addition to this, we place emphasis upon the care, breeding and selection of our seeds in order to insure that they bear crops that are uniform and true to type.

ARTICHOKE

	Oz.	¼ lb.	Lb.
GREEN GLOBE	$0.85	$2.50	$7.50

ASPARAGUS SEED

Mary Washington	.25	.60	1.75
Paradise	...	...	....

ASPARAGUS ROOTS

	100	1000	5000 per 1000
Mary Washington. 1 Year Old	$2.25	$18.00	$16.00
2 Years Old	2.50	20.00	18.00

BUSH BEANS—Green Pod

	1 to 5 lbs., per lb.	10 lbs.	100 lbs.
Black Valentine Stringless	$0.40	$2.20	$20.00
Early Red Valentine Stringless	.40	2.00	18.00
Stringless Green Pod	.40	2.20	20.00
Dwarf Horticultural	.40	2.20	20.00
Improved Navy	.30	1.70	15.00
Bountiful Stringless	.40	2.20	20.00
Giant Stringless Green Pod	.40	2.20	20.00
Tendergreen	.40	2.50	23.00
Great Northern	.30	1.70	15.00
Stringless Refugee	.40	2.20	20.00
Plentiful	.40	2.20	20.00
Streamliner	.40	2.50	23.00
Wonderful	.40	2.30	21.00

WAX BEANS

Davis Stringless Wax	.40	2.20	20.00
Golden Wax	.40	2.30	21.00
Pencil Pod Black Wax	.40	2.30	21.00
Round Pod Kidney Wax	.40	2.50	23.00
Gold Standard	.40	2.20	20.00
Sure Crop Bountiful Wax	.40	2.20	20.00
Unrivalled Wax	.40	2.20	20.00
Improved New Kidney	.40	2.50	23.00

BUSH LIMA BEANS

Baby Potato	.40	2.20	20.00
Henderson U. S. No. 2	.40	2.00	18.00
Burpee's Bush Lima	.40	2.50	23.00
Fordhook Bush Lima	.40	2.70	25.00
Burpee's Improved Bush Lima	.40	2.50	23.00
Jackson Wonder	.40	2.00	18.00

POLE LIMA

Early Leviathan	.40	2.30	21.00
King of the Garden	.40	2.50	23.00
Large White Seeded	.40	2.30	21.00
Florida Butter	.40	2.00	18.00

POLE BEANS—Green Pod

Burger's Stringless	.40	2.30	21.00
Cut Short or Corn Hill	.40	2.30	21.00
Horticultural Cranberry	.40	2.20	20.00
Kentucky Wonder or Old Homestead	.40	2.20	20.00
Lazy Wife	.40	2.20	20.00
McCaslan	.40	2.20	20.00
White Creaseback	.40	2.20	20.00
Scarlet Runner	.50	3.50	33.00

Wax Pod

Early Golden Cluster Wax	.40	2.50	23.00
Kentucky Wonder Wax	.40	2.50	23.00

BEETS

	¼ lb.	Lb.	5 lbs. per lb.
Perfected Detroit	$0.70	$2.10	$2.00
Crosby's {Vaughan's Selected Stock	.70	2.10	2.00
Egyptian {Standard Stock	.65	1.95	1.85
Detroit Dark Red	.65	1.95	1.85
Good For All	.75	2.25	2.10
Improved Early Egyptian	.65	2.00	1.90
Early Wonder	.65	2.00	1.90
Early Blood Turnip, Select	.65	2.00	1.90
MANGEL—Vaughan's Mammoth Long Red.	.50	1.50	1.40
Golden Tankard	.50	1.50	1.40
Giant Half Sugar Rose	.50	1.50	1.40
Barres Sludstrup. Danish Grown	.50	1.50	1.40
SUGAR BEETS—			
Klein's Wanzleben	.50	1.50	1.40

BROCCOLI

	Oz.	¼ lb.	Lb.
Italian Calabrese	$0.40	$1.35	$4.00

BRUSSELS SPROUTS

Long Island Improved	.60	1.80	5.50
Improved Dwarf	.65	2.00	6.00

CABBAGE

YELLOWS-RESISTANT CABBAGES

Arranged According to Maturity

	Oz.	¼ lb.	Lb.
Jersey Queen	$0.50	$1.50	$ 5.00
Racine Market (Wisconsin Pride)	Crop failure		
Wisconsin All Head	.50	1.50	5.00
Marion Market	.50	1.50	5.00
Globe	.50	1.50	5.00
Wisconsin Ballhead	.50	1.50	5.00
Bugner	1.20	3.50	10.00
Wisconsin All Season	.50	1.50	5.00
Wisconsin No. 8	.50	1.50	5.00
Wisconsin Red Resistant	.80	2.35	7.00

STANDARD VARIETIES

Early Jersey Wakefield	.45	1.20	3.50
Charleston Wakefield	.35	1.00	3.00
Copenhagen Market	.45	1.35	4.00
Copenhagen Market Extra Early Selections.	.50	1.50	4.50
Golden Acre	.50	1.45	4.50
Golden Acre. Danish Grown	.50	1.50	5.00
Green Acre	.50	1.50	5.00
Early Flat Dutch	.45	1.20	3.50
Vaughan's All Seasons	.35	1.00	3.00
Glory of Enkhousen	.45	1.20	3.50
Early All Head or Faultless	.35	1.00	3.00
Vaughan's Premium (Late) Flat Dutch	.45	1.25	3.75
Chinese or Celery Cabbage Vaughan Strain	.30	.75	2.25
Chinese or Celery Cabbage Commercial Strain	.25	.65	2.00
Chinese Cabbage Wong Bok	.25	.75	2.25
Danish Ballhead (Dwarf Amager)	.60	1.60	4.75
New Penn State Ballhead	.50	1.50	5.00
SAVOY CABBAGE—			
Long Island Chieftain	.50	1.50	5.00
RED CABBAGE—			
Red Resistant	.80	2.35	7.00
Long Island Red	.45	1.45	4.75

These Prices Subject to Change Without Notice.

CARROT

	¼ lb.	Lb.	5 lbs. Per lb.
Danvers Half Long. Vaughan's Selected Stock	$0.80	$2.35	$2.25
Improved Chantenay	.80	2.35	2.25
Chantenay. Red core	.80	2.35	2.25
Imperator	.80	2.35	2.25
Early Short Scarlet (Dutch Horn)	.90	2.60	2.50
Guerande or Oxheart	.80	2.35	2.25
Nantes Half Long Scarlet, Stump-rooted.	.90	2.60	2.50
Improved Long Orange	.80	2.35	2.25
Vaughan's Bunching	.90	2.60	2.50

USEFUL VEGETABLES

	Oz.	¼ lb.	Lb.
Chicory, Magdeburg. Large rooted	$0.40	$1.35	$4.00
Chicory, Witloof or French Endive. Fancy.	.40	1.35	4.00
Cress, Curled or Pepper Grass	.25	.65	2.00
Cress, Upland	.25	.60	1.75
Collards	.15	.35	1.00
Cardoon	.85	2.50	7.50
Chives. Pkt., 25c; ½ oz., 30c	.50	1.50	....

CAULIFLOWER

Vaughan's Extra Select Snowball. Pkt., 30c; ¼ oz., 85c; ½ oz., $1.30; oz., $2.50.

Snowdrift. Pkt., 30c; ¼ oz., 85c; ½ oz., $1.30; oz., $2.50.

Vaughan's New Snowball

One of our Specialties. We know our strain is the equal of any that can be produced. We have tried nearly every other on the market and we have never yet come across anything superior to **Vaughan's New Snowball.** It is the result of years of careful selection by a most capable and painstaking gardener who grew the seed especially for us on the island of Amagar, near Copenhagen, Denmark, where growing conditions are ideal for the production of perfect seed heads. **Vaughan's New Snowball** is the best general purpose variety for either spring or fall planting. Heads are usually 9 to 10 inches across, perfectly white, solid, deep and compact.

Pkt., 30c; ¼ oz., 85c; ½ oz., $1.30; oz., $2.50.

Vaughan's Earliest Dwarf Erfurt

Combines all pedigree points—earliness, purity of color, dwarf habit and fine grain. A profitable market garden sort.

Pkt., 30c; ¼ oz., 85c; ½ oz., $1.30; oz., $2.50.

Danish or Dry Weather

For dry climate and dry seasons. Very sure heading and second early. Heads larger than Snowball and snow-white.

Pkt., 30c; ¼ oz., 85c; ½ oz., $1.30; oz., $2.50.

Autumn Giant. Very large and productive.

Pkt., 30c; ¼ oz., 50c; ½ oz., 95c; oz., $1.75.

CELERY

	Oz.	¼ lb.	Lb.
Giant Pascal. Easy-blanching and a fine keeper	$0.60	$1.80	$ 5.50
Soup Celery or Smallage. Green, for soups	.35	1.00	3.00
Easy Blanching	.60	1.80	5.50
Emperor. Splendid quality, dwarf	.60	1.80	5.50
White Plume. Vaughan's Selected Stock	.60	1.80	5.50
Golden Self-Blanching. New strain, tall	1.15	3.35	10.00
Golden Self-Blanching. Short	1.15	3.35	10.00
Golden Plume (Extra selected)	1.00	3.00	9.00
Golden Plume (Standard)	.75	2.35	7.00
Michigan Golden (Yellows-resistant)	2.00	6.00	18.00
Winter Queen	.60	1.80	5.50
Golden Detroit	.95	2.85	8.00
Utah Golden	1.10	3.35	10.00
Salt Lake	.65	1.85	5.50
Cornel No. 19	1.00	3.00	9.00

CELERIAC

Large Smooth Prague. Earliest of all	.60	1.85	5.50

SWEET CORN

Hybrid and top crosses are starred (*).

	Lb.	10 lbs.	100 lbs.
*Surprise	$0.50	$3.70	$35.00
*Our Choice	.50	3.70	35.00
*Erlibird	.50	3.70	35.00
Golden 60-Day	.35	2.50	23.00
Golden Sweet	.35	2.50	23.00
*Marcross	.50	3.70	35.00
Early Golden Bantam	.35	2.50	23.00
*Early Bancross	.50	3.70	35.00
Golden Sunshine	.35	2.50	23.00
*Sweet Cross	.50	3.70	35.00
60 Day White	.35	2.50	23.00
Golden Bantam	.35	2.20	20.00
*Bancross	.50	3.70	35.00
*Tendergold	.50	3.70	35.00
*Whipcross	.50	3.70	35.00
Whipple's Yellow	.35	2.50	23.00
Howling Mob	.35	2.50	23.00
Bantam Evergreen	.35	2.50	23.00
*Lee	.50	3.70	35.00
*Golden Cross	.50	3.70	35.00
Early Evergreen	.35	2.50	23.00
Country Gentleman	.35	2.50	23.00
Stowell's Evergreen	.35	2.50	23.00
*Narrow Grain Hybird	.50	4.00	38.00
*Evergreen Hybrid	.50	3.70	35.00
*Stowell's Hybrid	.50	3.90	37.00
*Ioana	.50	3.70	35.00
Golden Colonel	.35	2.50	23.00
Narrow Grain	.35	2.50	23.00

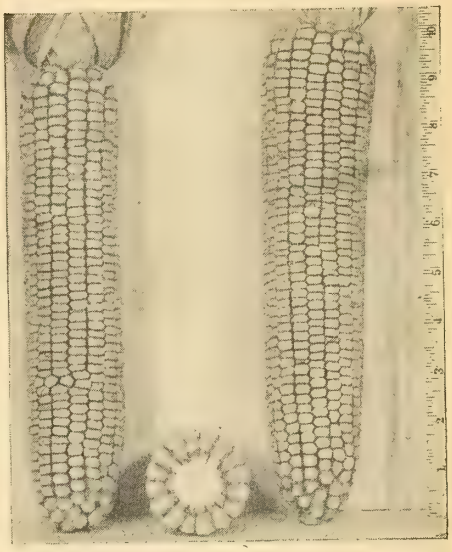
HYBRID FIELD CORN

We offer State Certified Hybrids—

For many years breeders at the University of Wisconsin have been constantly at work developing and improving hybrids adapted to Northern Illinois, Wisconsin, Michigan, Iowa and Indiana.

Through arrangements with the University we are able to offer these proven hybrids at the following prices:

Grade	½ Bu.	Bu.
Flat Kernels (Edge Drop)	$4.75	$8.50



CUCUMBERS

	Oz.	¼ lb.	Lb.
"A and C"	$0.30	$0.85	$2.50
Colorado	.30	.85	2.50
Evergreen, or Extra Long White Spine	.25	.75	2.25
Davis Perfect	.25	.75	2.25
Vaughan's Improved Arlington	.25	.75	2.25
Improved White Spine	.25	.75	2 25
Improved Long Green	.30	.85	2.50
Early Cluster	.25	.65	2.00
Westerfield's Chicago Pickle. One of our specialties	.25	.65	2.00
Early Russian	.25	.75	2.25
Lemon (True cucumber)	.30	.85	2.50
National	.25	.65	2.00
Boston Pickling	.25	.65	2.00
Early Frame	.25	.75	2.25
West India Gherkin	.30	.85	2.50
Early Fortune	.25	.75	2.25

These Prices Subject to Change Without Notice.

CUCUMBERS—Continued

	Oz.	¼ lb.	Lb.
The Vaughan. Finest of all for forcing or outdoors	$0.30	$0 85	$2.50
Quick Grow	.25	.65	2.00
Deltus	.25	.75	2.25
Mandarin	.30	.85	2.50
Straight Eight	.30	.85	2.50

DANDELION

Thick Leaved or Cabbaging. Pkt., 10c	.50	1.50	5.00

DILL

Oz., 20c; ¼ lb., 45c; lb., $1.25.

EGG PLANT

Black Beauty	.60	2.00	6.00
Vaughan's Improved N. Y. Purple	.60	2.00	6.00
Florida High Bush	.60	2.00	6.00
Minnoval	.60	2.00	6.00

ENDIVE

Green Curled Pancalier, Rose Ribbed	.25	.60	1.75
Green Curled Summer	.25	.60	1.75
Moss, Very Fine Curled	.25	.60	1.75
Broad-leaved Batavian White Escarolle or Fla. Deep Heart	.25	.60	1.75
Ever White Curled	.25	.60	1.75
Fringed Deep Heart	.25	.60	1.75

GARLIC

Selected Bavarian, lb., 40c. Write for prices on larger lots.

HERBS

Anise	.35	1.00	3.00
Borage	.85	2.50	7.50
Caraway	.35	1.00	3.00
Coriander	.30	.85	2.50
Catnip	1.15	3.35	10.00
Fennel, Florence	.30	.85	2.50
Fennel, Sweet	.30	.85	2.50
Horehound	2.50	8.00	24.00
Lavender Spica	....	....	....
Lavender (True)	....	....	....
Pennyroyal	....	....	....
Saffron	.65	2.00	6.00
Sage	1.40	4.50	14 00
Savory, Summer	.45	1.25	3.75
Sweet Basil	.45	1.45	4 25
Thyme	2.00	6.00	18.00

KALE OR BORECOLE

Dwarf Green Curled	.30	.85	2.50
Tall Green Scotch	.30	.85	2.50
Siberian	.30	.85	2.50

KOHLRABI

Early White Vienna	.45	1.40	4.50
Early Purple Vienna	.45	1.40	4.50

LEEK

Broad Scotch or London Flag	.60	2.00	6.00
Large Musselburg	.60	2.00	6.00
Large Carentan	.60	2.00	6.00
Giant Early	.60	2.00	6.00

LETTUCE

Leaf Varieties

	Oz.	¼ lb.	Lb.
Black-Seeded Simpson, Vaughan's Selected Stock	$0.25	$0.65	$1.75
Grand Rapids Forcing, Vaughan's Extra Selected Stock	.30	.85	2.50
Grand Rapids (Resistant)	.30	.85	2.50
Early Curled Simpson	.25	.65	1.75

Cabbage and Head Varieties

May King. Very early	.30	.65	2.00
Big Boston, Vaughan's Selected Stock	.25	.65	2.00
California Cream Butter	.30	.85	2.50
Cosberg, sure header	.35	.85	2.50
Iceberg	.35	.95	2.75
Imp. Hanson. Very large firm heads	.30	.65	2.00
Hansonette	.35	1.00	3.00
Bibb	.40	1.20	3.50
New York No. 12	.35	1.00	3.00
New York No. 515 (Heat resisting)	.35	1.00	3.00
New York (Imperial 847)	.35	1.00	3.00
New York (Imperial 44)	.35	1.00	3.00
Prizehead	.25	.65	1.75
Unrivalled	.30	.75	2.25
Paris White Cos	.30	.65	2.00
Express Cos	.30	.65	2.00
Trianon Cos	.30	.65	2.00

MUSKMELON

Milwaukee Market Hand Cut, Select Melons	.35	.85	2.50
Vaughan's Improved Milwaukee	.25	.60	1.75
Extra Early Osage (Vaughan's Selected)	.25	.60	1.75
Osage Select	.25	.60	1.75
Hearts of Gold or Improved Hoodoo	.25	.65	2.00
Rocky Ford	.25	.60	1.75
Emerald Gem. One of the sweetest	.25	.60	1.75
Tip Top. A very fine market melon	.25	.60	1.75
Extra Early Hackensack. Best strain	.25	.60	1.75
Banana	.25	.65	1.90
Honey Dew	.25	.65	2.00
Mango Melon or Vegetable Orange (Vine Peach)	.30	.75	2.25
Pollock-10-25	.25	.60	1.75
Bender's Surprise	.25	.60	1.75
Honey Rock	.25	.60	1.75
Hale's Best	.25	.60	1.75
Wisconsin Pride	.30	.75	2.25
Cranshaw	.25	.65	2.00
Hardshell	.30	.85	2.50

MARTYNIA

—For Pickles ..... Crop Failure

The young seed pods make fancy pickles.

WATERMELON

Citron	.15	.45	1.25
Florida Favorite	.15	.40	1.15
Early Fordhook	.15	.40	1.15
Florida Giant	Crop Failure		
Halbert Honey	.15	.40	1.15
Rattlesnake	.15	.40	1.15
Harris Earliest	.15	.40	1.15
Kleckley's Sweet	.15	.40	1.15
Sweetheart	.15	.40	1.15
Klondyke, Striped	.15	.45	1.25
Winter	.15	.45	1.25
Tom Watson	.15	.40	1.15
Cole's Early	.15	.40	1.15
Irish Grey	.15	.40	1.15
Ovid	.15	.40	1.15
Stone Mountain	.15	.40	1.15
Pride of Muscatine (Resistant, Kleckley No. 6)	.15	.45	1.25
Dixie Queen	.15	.45	1.40
Cuban Queen	.15	.40	1.15
Stone Mountain (Resistant)	.15	.45	1.25
Red Russian	.15	.45	1.25

MUSTARD

	Oz.	¼ lb.	Lb.
White London	$0.20	$0.45	$1.25
Giant Southern Curled	.20	.45	1.25
Chinese Smooth Leaved	.20	.45	1.25
Fordhook Fancy	.20	.45	1.25
Florida Broad Leaved	.20	.45	1.25
Tendergreen	.20	.45	1.25

MUSHROOM SPAWN

Lambert's New Spore Culture Spawn. Made by an entirely new process. More vigorous and more productive than tissue spawn. Produces mushrooms of greater uniformity and truer to type.

No. 9. White (Alaska) Mammoth Strain.
(Bricks weigh approximately 1 lb.)

1 Brick	5 Bricks	10 Bricks	100 Bricks
35c	$1.50	$2.50	$18.00

Sterilized Bottle Spawn, in cartons. One carton will spawn 40 square feet. 75c per carton. $7.50 per doz.
Write for circular.

OKRA

Dwarf Long Pod, White Velvet, Tall or Perkins' Mammoth.	Oz.	¼ lb.	Lb.
Prices of all of the above	$0.10	$0.35	$0.90

ONION

	¼ lb.	Lb.	5 lbs. per lb.
Large Red Wethersfield	$1.20	$3.50	$3.25
Southport Red Globe	1.65	5.00	4.75
Southport Yellow Globe, Eastern-grown	1.65	5.00	4.75
Ideal Southport White Globe	2.20	6.50	6.25
Riverside Oz., 75c	2.20	6.50	6.25
Ohio Yellow Globe	1.65	5.00	4.75
Bermuda Crystal White Wax	1.35	4.00	....
White Portugal	1.50	5.00	4.50
Yellow Globe Danvers	1.65	5.00	4.75
Golden Globe	1.20	3.50	3.25
Vaughan's Special Yellow Globe (Early Mountain Danvers)	1.65	5.00	4.75
Ebenezer Yellow	1.20	3.50	3.00
White Ebenezer	1.50	5.00	4.75
Yellow Globe Brigham	1.65	5.00	4.75
Valencia (Sweet Spanish)	2.20	6.50	6.25

PARSLEY

	Oz.	¼ lb.	Lb.
Vaughan's Champion Moss Curled	$0.20	$0.45	$1.25
Double Curled	.20	.45	1.25
Plain	.20	.45	1.25
Hamburg (Standard) (Rooted)	.20	.45	1.25
Vaughan's XXX	.20	.45	1.25

PARSNIP

Long Smooth, Hollow Crown	.20	.45	1.25
Improved Guernsey	.20	.45	1.25
Ideal (All-America)	.20	.45	1.25
White Queen	.20	.45	1.25

PEAS

	1 to 5 lbs. per lb.	10 lbs.	100 lbs.
Alaska (Resistant)	$0.25	$1.70	$15.00
Alderman	.30	2.00	18.00
American Wonder	.30	2.00	18.00
Ameer	.30	2.00	18.00
Dwarf Defiance	.30	2.00	18.00
Dwarf Gray Sugar	.30	2.40	22.00
Dwarf Telephone or Daisy (extra choice)	.30	2.00	18.00
Early Gilbo (Resistant)	.30	2.00	18.00
Extra Early Prem. Gem or Little Gem	.30	2.00	18.00
Everbearing	.30	2.00	18.00
Improved Gradus or World's Record	.30	2.00	18.00
Laxtonian	.30	2.20	20.00
Laxton's Progress	.30	2.20	20.00

PEAS—Continued

	1 to 5 lbs. per lb.	10 lbs.	100 lbs.
Little Marvel	$0.30	$2.00	$18.00
Nott's Excelsior. One of the best earlies	.30	2.00	18.00
Improved Stratagem	.30	2.00	18.00
Sutton's Excelsior	.30	2.00	18.00
Telephone. Vaughan's Improved	.30	2.00	18.00
Thomas Laxton	.30	2.00	18.00
Century of Progress	.30	2.00	18.00
Giant Stride (Wilt-resistant)	.30	2.00	18.00

PEPPER

	½ oz.	Oz.	¼ lb.
Vaughan's Magnum Dulce. Largest	$0.35	$0.60	$1.75
Vaughan's Sweet Mountain	.35	.60	1.65
Bullnose (Hot)	.30	.50	1.50
King of the North	.35	.60	1.75
Large Bell (Sweet)	.35	.60	1.65
Cayenne, Long red	.30	.50	1.50
Chinese Giant	.35	.60	1.75
Crimson Giant	.35	.60	1.75
Red Chili	.30	.50	1.50
Ruby King	.35	.60	1.65
Perfection Pimiento	.35	.60	1.75
Sunnybrook, Tomato Shaped	.35	.65	1.85
Tabasco	.35	.65	2.00
Hungarian Hot	.35	.65	2.00
Hungarian Sweet	.35	.65	2.00
Harris Giant	.35	.60	1.75
Worldbeater	.35	.65	2.00
California Wonder	.35	.65	2.00
Early California Wonder	.40	.75	2.25
Oshkosh	.40	.75	2.25
Windsor "A"	.35	.65	2.00
Oak View Wonder	.35	.65	1.85

PUMPKIN

	Oz.	¼ lb.	Lb.
Winter Queen or Winter Luxury	$0.20	$0.50	$1.50
Vaughan's Mammoth Prize	.25	.65	1.90
Colonial Pie	.20	.45	1.25
Kentucky Field	.15	.45	1.15
Large Cheese	.15	.45	1.15
Large Connecticut Field or Big Tom	.15	.45	1.15
Cushaw, White	.20	.45	1.25
Cushaw, Striped	.20	.45	1.25
Cushaw, Golden	.20	.45	1.25
Vaughan's Small Sugar Pie	.15	.45	1.35

RADISH

	¼ lb.	Lb.	100 lbs. per lb.
Cincinnati Market. Long scarlet	$0.35	$0.90	$0.80
Crimson Giant Forcing	.35	.90	.80
Improved Early Scarlet Globe, Vaughan's Select Forcing (Short top)	.35	1.00	.90
Early Scarlet Globe (Medium top)	.30	.75	.65
Early Deep Scarlet Turnip	.35	.90	.80
Early Scarlet Globe. White tip	.35	.90	.80
Saxa. Earliest round red	.35	.90	.80
Early Long Scarlet Short Top	.35	.90	.80
Improved French Breakfast	.35	.90	.80
Vaughan's Giant Butter Radish	.35	.90	.80
Brightest Long Scarlet (Cardinal)	.35	.90	.80
White Strassburg	.35	.90	80
Long White Vienna	.35	.90	.80
Scarlet Turnip, White Tip (Sparkler)	.30	.85	.75
Scarlet Turnip, White Tip (American)	.30	.85	.75
White Icicle. The earliest long white	.35	.90	.80

Winter Varieties

Chinese Mammoth or Celestial	.35	1.00	....
California Mammoth White	.35	1.00	....
Long Black Spanish	.35	1.00	....
Rose or Scarlet China Winter	.35	1.00	....
Round Black Spanish	.35	1.00	....

These Prices Subject to Change Without Notice.

RHUBARB

	Oz.	¼ lb.	Lb.
Vaughan's Mammoth	$0.25	$0.65	$2.00
Victoria	.25	.65	2.00

ROOTS

	Ea.	10	100	1000
Canadian Red—divisions	$0.75	$6.50	$50.00	.....
McDonald Red—divisions	.50	4.50	40.00	....
Victoria, ¾-1 in.	.20	1.00	5.00	.....
1-½ in.	.35	1.50	7.50	.....
1½-2 in.	.50	2.50	15.00	.....

HORSERADISH

Per 100, $1.75; per 1,000, $15.00; 5,000, per 1,000, $14.00.

SALSIFY

	Oz.	¼ lb.	Lb.
Mammoth Sandwich Island	$0.60	$1.50	$4.50

SORREL

French	.50	1.45	4.50

SPINACH

	Lb.	10 lbs. per lb.	100 lbs. per lb.
Bloomsdale Dark Green	$0.75	$0.65	$0.60
New Long Standing Bloomsdale	.75	.65	.60
Bloomsdale or Norfolk. Savoy-leaved	.75	.65	.60
Prickly Seeded Hollandia	.75	.65	.60
Princess Juliana. Long standing	.75	.65	.60
Old Dominion	.75	.65	.60
Virginia, Blight-Resistant	.75	.65	.60
Tetragonia or New Zealand ..... Oz., 35c.	2.50	....	....
Antvorskov (King of Denmark)	.90	.80	.75
Viking	.75	.65	.60

SWISS CHARD

	Oz.	¼ lb.	Lb.
Lucullus	$0.20	$0.50	$1.50
Dark Smooth. Broad white rib	.20	.50	1.50
Giant Fordhook	.20	.50	1.50

SQUASH

Banana	.25	.65	1.90
Blue Hubbard	.25	.65	2.00
Boston Marrow	.20	.50	1.50
Buttercup	.25	.65	2.00
Chicago Warted Hubbard	.25	.65	2.00
Cocozelle	.25	.65	1.90
Delicious	.25	.75	2.25
Table Queen, "Des Moines," Acorn	.25	.65	1.90
Improved Table Queen	.25	.65	2.00
Early White Bush	.20	.60	1.65
Vaughan's Giant Summer Crookneck, Yellow	.20	.60	1.65
Golden Hubbard	.25	.65	2.00
Original Hubbard. Extra select	.25	.65	2.00
Prolific Straightneck	.20	.60	1.60
Kitchenette Small Hubbard	.25	.65	2.00
Mammoth White Bush. Extra select	.25	.65	1.85
Mammoth Chili	.25	.65	1.85
Sweet Potato	.25	.60	1.75
Vegetable Marrow	.25	.60	1.75
Yellow Summer Crookneck	.25	.65	1.65
Zucca de Pergola. Italian sort	.25	.65	2.00
Italian Marrow Zucchini. Black	.25	.65	1.85
Italian Marrow Zucchini. Gray	.25	.65	1.85

TOMATO

Avon Early. A first early red	.60	1.65	5.00
Beauty. Midseason pink	.75	2.10	6.25
Bison	.75	2.10	6.25
Bonny Best. Second red, called by market gardeners "yellow"	.45	1.35	4.00
Bonny Best, Certified	.50	1.50	4.50
Bounty. First early, red	.75	2.35	7.00
Chalk's Early Jewel. An early red	.60	1.60	4.75
Chalk's Jewel, Certified	.65	1.70	5.25

TOMATO—Continued

	Oz.	¼ lb.	Lb.
Crimson Cushion or Beefsteak. Medium late, red, very large	$0.95	$2.65	$8.00
Dwarf Champion. Medium late pink	.65	2.00	6.00
Dwarf Stone. Mid-season red	.65	2.00	6.00
Earliana. Earliest red	.85	2.65	8.50
Early Detroit. Early, pink	.65	2.00	6.00
Early Baltimore	.50	1.50	5.00
Early Baltimore, Certified	.65	1.65	5.50
Firesteel. A good dry weather type	.65	2.00	6.00
Golden Queen. Mid-season yellow	.65	1.85	5.50
Greater Baltimore. Medium early red	.50	1.45	4.25
Greater Baltimore (Indiana strain), certified	.60	1.60	4.75
Ground Cherry	.65	1.85	5.50
John Baer. A first early red	.60	1.60	4.75
John Baer, Certified	.65	1.75	5.25
Jubilee. Mid-season, yellow globe	.95	2.85	8.50
June Pink. Second-early pink	.80	2.30	6.75
Livingston's Globe. Mid-season pink	.75	2.25	6.50
Nystate	.50	1.50	6.50
Oxheart. Pink	1.00	3.00	8.75
Ponderosa. One of largest mid-season pink	.85	2.50	7.50
Red Cherry	.65	1.85	5.50
Red Currant	.65	1.85	5.50
Red Pear	.65	1.85	5.50
Red Peach	.65	1.85	5.50
Red Plum	.65	1.85	5.50
Rutgers. Red	.50	1.45	4.50
Rutgers, Certified	.65	1.70	5.00
Stokesdale	.45	1.45	4.25
Stokesdale, Certified	.65	1.70	5.00
Valiant. An early red	.75	2.10	6.25
Yellow Pear	.65	1.85	5.50
Yellow Peach	.65	1.85	5.50
Yellow Plum	.65	1.85	5.50
Stone, Improved. Medium early red	.35	1.00	3.00
Italian Canner	.65	1.85	5.50

Resistant Varieties

Break O'Day. Red	.60	1.65	5.00
Break O'Day. Certified	.65	1.85	5.50
Grothen's Globe. An improved Marglobe	.60	1.60	5.00
Illinois Baltimore	.65	1.85	5.50
Marglobe. Red	.45	1.35	4.00
Marglobe, Certified	.50	1.50	4.50
Norton. Red	.50	1.50	4.50
Pritchard. Red	.65	1.65	4.75
Pritchard, Certified	.70	1.75	5.25

Forcing Sorts

	Pkt.	Oz.	Lb.
Bonny Best. Red	$0.25	$2.50	....
Livingston's Globe. Pink	.25	3.50	....
Grand Rapids. Red	.25	2.50	....
*Michigan State. Red	.25	2.50	....
*Sureset. Pink	.25	2.50	....
*Globelle. Pink	.25	2.50	....
Waltham Forcing	.50	3.00	....

*Resistant.

TURNIP

	¼ lb.	Lb.	5 lbs. per lb.
Early White Milan. Earliest of all	$0.35	$0.95	$0.90
Early Extra Purple Top Milan	.35	.95	.90
Purple Top Strap Leaf	.25	.75	.70
White Egg	.35	.95	.90
Purple Top White Globe	.25	.75	.70
Large Yellow or Amber Globe	.25	.75	.70
Golden Ball or Orange Jelly	.35	.85	.80
Cowhorn or Long White	.35	.85	.80
Early Snowball	.35	.85	.80
Seven Top	.25	.65	.60
Shogoin or Foliage Turnip	.35	.95	.90

RUTABAGA OR SWEDE

Vaughan's American Purple Top Improved	.35	.90	.85
Canadian Neckless	.35	.90	.85

These Prices Subject to Change Without Notice.

Ribbons and Chiffons

We offer only the best grades especially adapted for Florists' use, but can also supply other grades not listed.

Radiance

Pattern 1900, No. 5 Radiance Ribbon. Used for tying mats and crepe paper around pots, also used for making bows for basket and wreath work. Put up in 50-yard spools. Comes in all colors. Per spool, $1.25. Box of 20 spools at $1.20 spool.

Pot Tie Ribbon. A good grade of ribbon which can be used around pots, small corsages, etc. No. 5, 50 yard bolts in all popular shades. Price per 50 yard bolt, $1.15; 20 bolt lots at $1.10 per bolt.

White Shower Ribbon. Suitable for plant decorations, bridal sprays, etc.; white and pink. No. 2, spool of 50 yards, $1.10; 10 spools for $10.00.

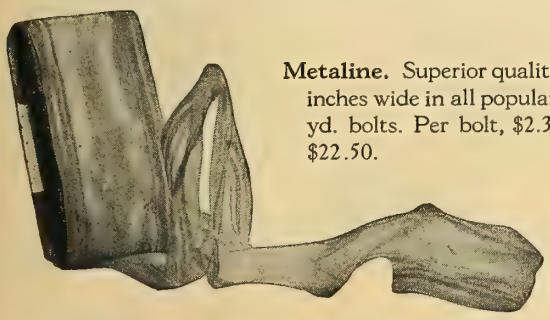
No. 1 Baby Ribbon. Any color. Spool of 50 yards, 85c; doz., $9.60.

Ribbonzene Crinkle Baby Ribbon No. 1. For tying cards. All colors. 500-yard spool, $1.10; doz. spools, $12.00.

Corsage Pins. Pearl heads, finest made, assorted colors. Per gross, $1.50.

Corsage Ties (Cord and Tassels). Per doz., 85c; per gross, $8.40.

Metaline. This ribbon has a bright metallic lustre with striped edges, width, 5½ inches, for baskets and bouquets; we carry a stock of all colors. Price per bolt of 40 yards, $1.65; ten bolts, $16.00.



Metaline. Superior quality, about 5½ inches wide in all popular shades, 40-yd. bolts. Per bolt, $2.35; 10 bolts, $22.50.

Corsage Shields, Shoulder or Wrist Shields. Chiffon edge. Per doz., $1.50; per gross, $15.00.

Waist Shields. Chiffon edge. Corsage large, medium and small. Per doz., $1.75; per gross, $18.00.

MOSS FILLED WREATHS AND DESIGNS

Machine made Sphagnum Moss filled designs always ready to use. NET Prices.

Spray Bars

3½ ins. wide, 2 ins. thick

Length	Each	Length	Each
8 ins...	$0.15	20 ins...	$0.27
12 ins...	.17	22 ins...	.30
14 ins...	.19	24 ins...	.32
16 ins...	.21	30 ins...	.36
18 ins...	.25		

Spray Bars

4½ ins. wide, 2½ ins. thick

Length	Each	Length	Each
18 ins...	$0.36	36 ins...	$0.62
24 ins...	.44	42 ins...	.69
30 ins...	.53	48 ins...	.75

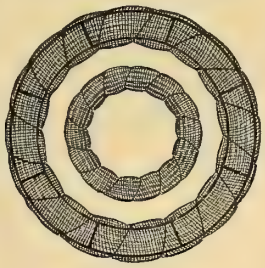
Spray Bars

6 ins. wide, 2½ ins. thick

Length	Each	Length	Each
24 ins...	$0.53	42 ins...	$0.80
30 ins...	.59	48 ins...	1.05
36 ins...	.67		

Crosses

Size	Each	Size	Each
18-in....	$0.46	30-in....	$0.85
20-in....	.51	33-in....	.96
22-in....	.57	36-in....	1.40
24-in....	.64	42-in....	2.00
27-in....	.72	48-in....	2 35



Wreaths

Size	Each	Size	Each
10-in....	$0.23	24-in....	$0.60
12-in....	.26	27-in....	.75
14-in....	.31	30-in....	1.05
16-in....	.36	33-in....	...
18-in....	.42	36-in....	...
20-in....	.48	42-in....	...
22-in....	54	48-in....	...

We have a limited supply of wire designs, wire baskets, easels and wreaths, and will fill orders while the supply lasts.

DOG-CHECK. The ideal repellent as a means of checking doggie habits. Safe and harmless to use. New formula will permit spraying on new growth. Unaffected by rain, one spraying usually lasts from two to three weeks. Packaged in handsome glass containers. 3-oz. size, 50c; display carton of 12, $3.60; 3-oz. size, 60c; display carton of 12, $4.32; 8-oz. size, $1.00; display carton of 12, $7.20.

ANT-"X" JELLY BAIT. Tubes, garden size, 35c; display carton of 12 tubes, $2.52.

ANT-"X" TRAPS. Death box. 300 grain size for grease and sweet eating type ants, each, 25c; display carton of 12 traps, $1.80.

RAT-NOTS. The safe way to exterminate rats. Prepared bait containing squill can be used without fear of harming humans, dogs, livestock, etc. Trial size, 9 Nots, 25c; display carton of 12 pkgs., $1.80; estate size, 60 Nots, $1.00; display carton of 12 pkgs., $7.20.

MOUSE-NOTS. Impregnated seed bait kills mice. Fall is a good time to destroy mice in the house or orchard. Trial size, 9 Nots, 25c; display carton of 12 pkgs., $1.80; estate size, 60 Nots, $1.00; display carton of 12 pkgs., $7.20.

MOLE NOTS. Life saver for lawns and seed beds. Trial size 8 Nots, 35c; display carton of 12 pkgs., $2.52; estate size contents, 50 Nots, $1.00; doz., $7.80; jumbo size contents, 125 Nots, $2.00; doz., $14.40; gardener size contents, 400 Nots, $5.00; doz., $36.00.

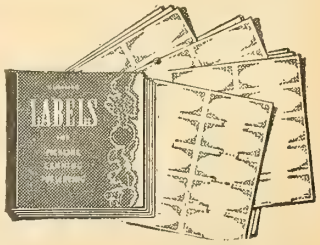
5% discount on orders of six display cartons of the above.

CAMCOX CREMEGLOVE

Protects hands from oils, paints, grease, grime, and dirt—a protection for your hands in the garden, housework, etc., gives you the freedom of bare hands with the protection gloves afford. Price, 8-oz. jar, **35c**; dozen, **$2.80**; 16-oz. jar, **60c**; dozen, **$4.80.**

CANNING LABELS

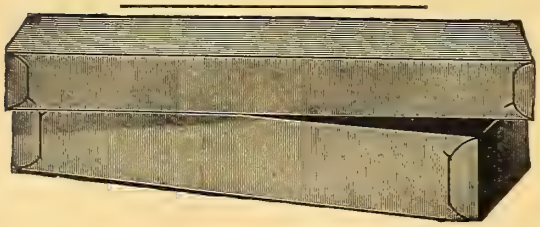
No. 72—General. Size, 5 in. x 5 in. Printed green cover with red lettering. Contains ready printed labels, 10 each of 20 popular home-canned fruits and vegetables and 20 blanks, fancy border labels, total 220 labels, size 2 5/16 in. x 1 in. Printed in red on white gummed paper, perforations between labels. A place for date of canning provided on each label. Book of 220 labels. Price, doz. books for 80c; 6 doz., $4.50.



No. 73—Cosmopolitan. Size, 5 in. x 5 in. Printed red cover with green lettering contains 220 blanks, fancy border decorative labels with ample writing space for those who wish to make up their own canning labels. Designed to give a uniform appearance to canning shelves. Label size, 2 5/16 in. x 1 in. Printed on red on white gummed paper, perforations between labels. Packed 3 doz. to box. Weight, 3¾ lbs. Book of 220 labels. Price, dozen, 80c; 6 dozen for $4.50.

Supplies for the Florist Shop

CUT FLOWER BOXES



CUT FLOWER BOXES—WHITE

Full Telescope patent coated.

24x5x3½.....$7.90 per 100
30x5x3½..... 8.20 per 100
28x8x5.....12.95 per 100

WHITE CORSAGE BOXES

9x5x4.....$6.50 per 100
12x5x4..... 6.85 per 100

Owing to the uncertainty of the manufacturers making deliveries of our regular grade of green cut flower boxes and gray design boxes, we are not offering these in this book. We may be able to furnish some of these boxes and we refer you to our 1943 catalog for sizes. Our price on these boxes would be the same as 1943 unless the manufacturers are permitted to advance our cost.

Paper—Tissue, Wax

Prices on Paper Subject to Market Changes.

Pure White Glazed Florist Tissue. The best grade white glazed 11 lb. basis. 24x36 inches, F. O. B. Chicago, ream (480 sheets), $1.50; 10 reams (4,800 sheets), $13.75; F. O. B. New York, ream (480 sheets), $1.75; 10 reams (4,800 sheets), $15.50.

White Wax. Medium, 24x36 inches; F. O. B. Chicago, 400 sheets, $2.50; F. O. B. New York, 480 sheets, $2.90.

Green Wax. Beautiful shade light green, 24x36 inches, F. O. B. Chicago, 400 sheets, $2.50; F. O. B. New York, 480 sheets, $2.90.

Kraft Wrapping in rolls, all weights and sizes. Price, per lb., 9½c.

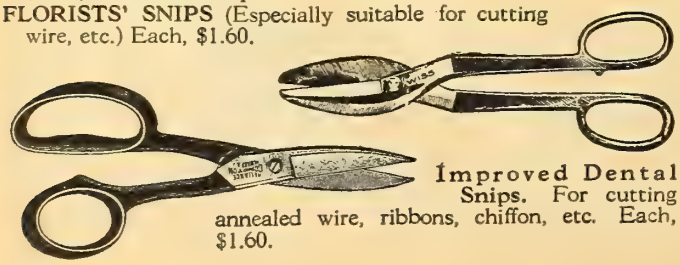
PAPER CUTTERS. 24, 30 and 36-in. Price, complete, $4.25.

Floraphane. ¾ inch rolls, colors green, white. Price per roll, 35c; doz. rolls, $4.00; 1½ inch roll, 70c; doz., $8.00.

Waterproof Crepe Paper. In green, pink, lavender, yellow, purple; per roll, 30c.

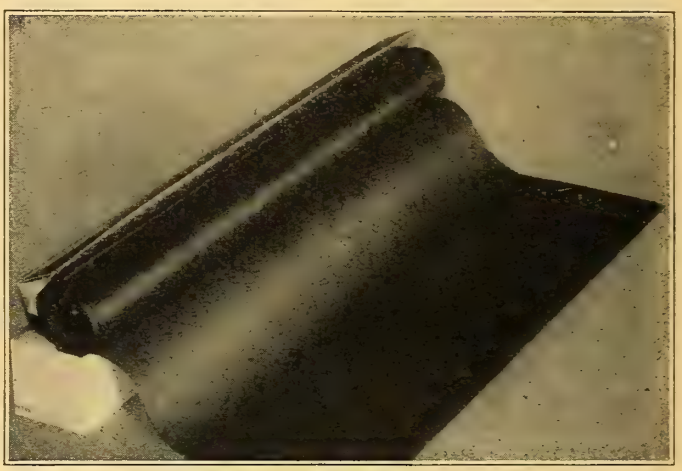
Scotch Cellulose Tape Transparent ½ in. wide, price per roll $1.08; 12 rolls at 98c per roll.

FLORISTS' SNIPS (Especially suitable for cutting wire, etc.) Each, $1.60.



Improved Dental Snips. For cutting annealed wire, ribbons, chiffon, etc. Each, $1.60.

Florist-Foil. Colored aluminum foil used for pot covers, etc. Rolls, 20 inches wide. Colors, violet, silver, gold, green, red, purple, fuchsia, pastel green, pastel blue, black and blue. Per 50-ft. roll, $1.55; 10 rolls for $14.50.



NEW SATIN SHEEN FLOWER POT WRAP

The new economical and attractive covering for pot plants. Can be had in green, gold, red, fuchsia, orchid, purple, blue and silver shades. Put up in rolls 20 inches wide, 50 ft. long. Price per roll, $1.10; 5 rolls for $5.00; 10 rolls for $9.50.

TWINE **"The Queen" White Cotton Twine.** 3 or 4-ply. Put up in 5-lb. sacks, 30 balls to a sack. Price, $3.75.

Write for prices on larger quantities.

Florists' Thread, Green. Best brand. Similar to Silkaline, 8 spools to a box. Per lb. box, $1.30.

Green Twine. Used for wrapping small packages—also for spray and design work. Put up in balls. 1-lb. box, $1.10; 5 boxes at $1.05 per box.

Green Twine. 2 lbs., per cone, $2.00; 3 cones for $5.75.

UNWIRED PICKS.

4-inch Green.....Box of 4,000 $2.00
6-inch Green.....Box of 3,000 2.00

CARDS FOR ALL OCCASIONS

Sympathy, get-well, birthday, baby, congratulations, and all holidays. Your own selection.

CARDS WITHOUT CABINET.

250 assorted at.....$1.25 | 1000 assorted at.....$3.50
500 " ".....2.00 | 2000 " ".....6.75

WHITE ENVELOPES, PLAIN. Size 2½x4¼", packed 250 to a box. 250 for 50c, 500 for 85c, 1,000 for $1.50.

Wreath and Bouquet Materials

GYPSOPHELIA (Baby's Breath). Pure white double Colorado grown, large fluffy bunches. No florist should be without this handy fill-in for floral work or baskets. Price, per bunch, $1.60; 10 bunches for $15.00.

COLORED GYPSOPHELIA. Rose-pink, orange, nile green, yellow, blue, and violet. Per bunch, $1.95; 5 bunches for $9.25.

GYSOPHILA

OAK SPRAY

OAK BRANCHES, Prepared, Brown, Red and Green.

Prices	Short	Long
10 lbs.	$3.35	$3.25
25 lbs.	7.80	7.50

Specify color when ordering.

LYCOPODIUM. Prepared. 10 lbs. to carton, $3.95; 25-lb. carton, $8.75.

STATICE NATURAL WHITE. Used extensively in Wreaths and Baskets. Natural per lb., $1.10; 10 lbs. for $9.00.

GRASS RUG or MATS (RAFFIA) Green, finest quality. 72 inches long, 36 inches wide. Each, $4.25.

Write for prices on larger quantities.

STATICE

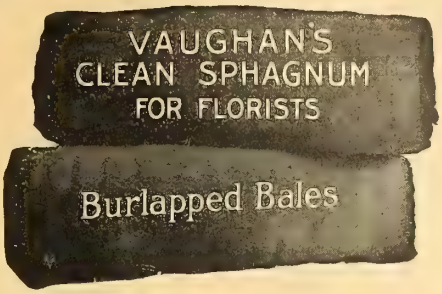
CRINKLEBUSH. Silver Metallic, a fine lacy item used for a filler in making artificial wreaths. Very popular for silver decorations. Price $1.50 per lb., any quantity.

TIN FOIL. 5, 6 or 7 inch, 1 lb., 25c; 25 lbs., $5.75.

Violet or Green Foil. Per lb., 45c; 10 lbs., $4.00.

CRINKLEBUSH

SPHAGNUM AND SHEET MOSS



SPHAGNUM MOSS. Bright, clean, new growth, free from brush or grass, is being worked out in Wisconsin district We quote L. C. L. lots as follows:

Bales. (45x14x16 inches). **F. O. B. Wisconsin Points. For carloads, write us.**

Prices Subject to Change Without Notice.

	F. O. B. Chicago	F. O. B. Woods
1 to 5 bales	Each, $2.50	
6 to 10 bales	" 2.45	Each, $2.25
11 to 24 bales	" 2.40	" 2.15

New York Prices 60c per bale higher. Cartage Free.

Sheet Moss green, Extra fancy large sacks for Windows, Baskets, etc. Per sack, $1.60; 5 sacks, $7.75.

Order Early, as the Above Prices are Expected to Advance.

Orchid Peat. Put up in bags containing approximately 2 bushels each, $3.60; 5 bags for $17.50.

See Page 92 for granulated Horticultural Peat Moss.

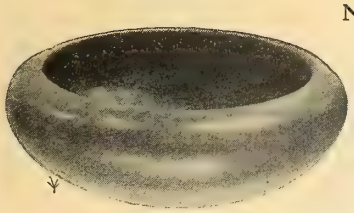
TERRA COTTA GRASS GROWING HEADS

Heads should be soaked in water for 24 hours; also soak seed in separate dish over night. Fill the head with water and spread the seed very thickly all over head. Keep head filled with water at all times. In warm temperature seed may appear to be dry, if so, spray lightly with water using care not to wash seed off head. Keep in a saucer to protect the furniture.

We can supply "Sunny Jim," with seed, per doz., $3.00, packed 24 to a carton at $5.80 per carton. Retail at 40c each.

We can also supply the larger heads. "Buddy" with seed at doz., $3.85; per carton of 24, $7.20. Retail at 50c.

Bowls For Growing Bulbs



No. A. Pottery Bulb and Flower Bowl Assortment. This assortment consists of the following: 15—6-in. bowls; 15—7-in. bowls and 6—8-in. bowls. The assortment retails for about $15.00 and comes in assorted colors of yellow, blue, old rose and white. Price per complete assortment, $10.80.

F. L. Style Pottery Bowls, in Blue, Yellow, Old Rose and Green. 6-in. diam., doz., $2.95; 7-in. diam., doz., $3.90; 8½-in. diam., doz., $5.40.

Pearl Chips and Prepared Bulb Fibre

For growing Bulbs in Bowls and Pots.

Bulb Fibre. Prepared for growing Bulbs in bowls at 10 lbs., 85c; 25 lbs., $1.60; 100 lbs., $4.75.

Pearl Chips, White, for growing Bulbs in bowls at $2.75 per 100 lbs.

Pearl Chips, Colored, $3.00 per 100 lbs.

Write us for prices on larger quantities.

Place orders early to insure getting desired colors.

Greenhouse and Florists' Supplies

Prices quoted in this catalogue are subject to change without notice, owing to the unstable condition of the market. This applies particularly to Fertilizers, Wire, Tinfoil, etc. For parcel post rates see order sheet.

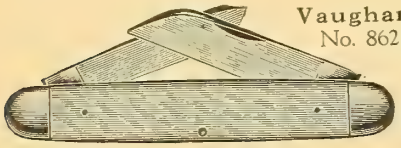
FLORISTS' KNIVES

The Budding, Grafting, Pruning and Florists' Knives illustrated below are designed and made to meet the exacting requirements of nurserymen, orchardists, florists and gardeners who are extremely particular in the choice of their cutting equipment.

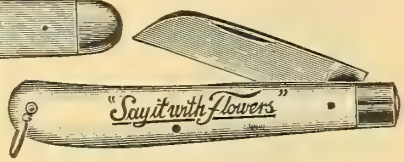
No. 5A	Each	3 for
Budding, No. 5A. Black handle; brass lined	$2.25	$6.50
Budding, Beech Wood Handle. Per doz., $4.50	.50	1.25

Vaughan's Florist (Patterned after Henckel's which cannot be had.)

	Each
Vaughan's Florist—3 for $3.75	$1.35
Putty Knife—No. 120, a very good tool; 3 for $1.25	Each, .50
Pruning, Stag handle	Each, 2.25
Schrades Heavy Perfect Pruning Knives No. 123EW, similar to Henckel No. 3C	Each, $2.50



Vaughan's Budding and Prop., No. 86281, with Brass Caps, each, $1.35; doz., $15.00.

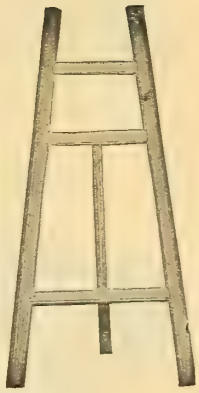


White Handle, No. 83023W, silver nickel shackle for chain attach. Each, $1.35; 3, $3.75.

WOOD EASELS

Strong, well made, finished in white.

Height	Ea.
36 inch	45c
42 inch	50c
48 inch	65c
54 inch	75c
60 inch	80c
66 inch	90c



RUBBER APRONS. Lightweight. Each, $2.95.

REEDS AND RAFFIA

REEDS. Extra White, prime quality.

	Per lb.	5 lbs. Per lb.		Per lb.	5 lbs. Per lb.
No 1	$0.85	$0.80	No 5	$0.65	$0.60
No 2	.80	.75	No 6	.60	.55
No 3	.75	.70	No 7	.60	.55
No 4	.70	.65	⅜-inch Flat	.75	.70

RAFFIA. Natural, Best Grade, F. O. B. Chicago. Lb., 75c; 5-lb. lots, per lb., 72c; 10-lb. lots, per lb., 70c; 25-lb. lots, per lb., 68c; 100 lbs., per lb., 66c. Bale lots (about 225 lbs.), per 100 lbs., $64.00.

Dyed—Old gold, pink, purple, emerald green, dark red, bright red, black, navy blue, orange. Per lb., 95c; 5 lbs. at 90c; 10 lbs. at 85c; 25 lbs. at 80c. Samples on application.

Above prices subject to change without notice.

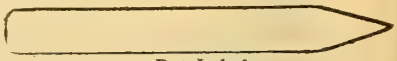
Labels for Plants, Pots and Gardens

ZINC TREE LABELS. For an enduring label these are unsurpassed. They last for many years. Writing is done with an ordinary lead pencil; gets plainer with age. They are copper wired and measure 3¾ x ¾ inch. Price per 100, $1.50.

COPPER LABELS. Wired, indestructible. Per 100, $1.50; larger size, per 100, $2.15.

EVERLASTING ZOREX LABEL. A permanent label; holds lead pencil marks permanently in all weather, one piece, 6 inches over all. Price per 100, 60c; 500 for $2.25.

LABELS (Pot). We carry the best quality of Wooden Labels made. They are smooth, strong and neat, ⅝ inch wide.

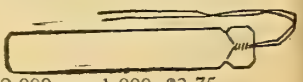


Pot Label

When ordering, specify pot labels or garden stakes, painted or plain.

	Packed to Carton	Plain, Per 1000	Painted, Per 1000
4-inch	1000	$1.90	$2.35
5-inch	1000	2.25	2.60
6-inch	1000	2.40	3.10
8-inch	500	3.75	4.50
10-inch	500	4.75	5.60
GARDEN STAKES			
8-inch—⅞ inch wide	250	6.25	7.00
10-inch—⅞ inch wide	250	7.25	8.00
12-inch—1⅛ inches wide	1000	9.00	11.00

LABELS (Tree). Wooden, 3½ in., wired. Per 1000, plain, $2.25; 5,000 to 9,000, per 1,000, $2.15; painted, per 1,000, $2.85; 5,000 to 9,000, per 1,000, $2.75.



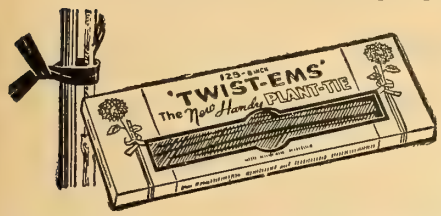
WEATHER-PROOF PENCILS. For marking labels. Will not rub off or fade. Each, 10c; doz., 85c.

GARDEN CHIEF MARKERS. Water-proof and dirt-proof. Garden green color so that it blends right into the foliage; treated with a preservative that protects against decay; undercut groove contains white chemically treated water-proof name card covered by a dirt-proof transparent window. Price, 12-inch, put up in display carton of 12 markers, price 50c; per doz. pkgs., $3.80.

No. 31 SIMPLEX Green Weather-Proof Plant Labels. Price includes copper wires for attaching and steel stylus for marking. No. 31, size, 3x½ inch, per doz., 40c; per 100, $2.50.

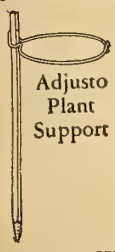
SIEVES. For sifting soil. 18 inches in diameter, all sizes mesh from ⅛ to ½ inch. Each, $1.75.

Plant Supports



TWIST-EMS

New handy utility plant ties, deep green color, same shade as foliage of plants. Do not break or come loose. The wire running through the center of tape makes them unbreakable and they cannot come unfastened. Tape protects stem against injury. For tomato plants and other vegetable crops. Made in 7" only. Price, per 1000, $1.25.

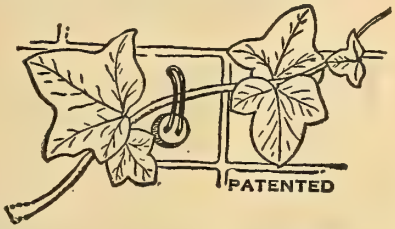


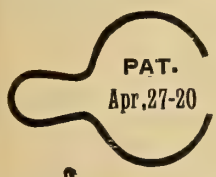
ADJUSTO PLANT SUPPORT

Has a unique self-locking adjustable feature causing the hoop to positively stay where put, yet it can be instantly adjusted to any height desired. The heavy green painted wood stake ⅞ inch square will stand firmly in the ground. The hoop is of 8 gauge galvanized wire, 13 inches in diameter, and may be opened up to put around large plants. 3 ft., doz., $2.50; 4 ft., doz., $2.90; 5 ft., doz., $3.20; extra wire hoops, doz., $1.35.

WAYWARD VINE GUIDE AND SUPPORT

For Training and Supporting Ivy, Small Fruiting Trees and all other Vines, etc. on Brick, Stucco, Stone and Cement Walls without Defacing. No Nails—No Holes. Price, box of 25, including cement, 80c· 12 pkgs. for $7.80.





PLANT TIES Lighting Wire. Per box of 1,000, $2.00; 5 or more boxes, $1.95 per box. Shipping weight per box, 2 lbs.

LIP, Blake's New Loop Lever. For roses, 'mums, etc., up-to-the-minute stake holders; hold stakes with firm grip. Loop clips allow you to remove and replace any stake any time. They never slip and are a great saving in time and money. Price $2.00 per 1,000. 5,000 for $9.50. Samples mailed free.

STAKE FASTENERS. Everlasting, packed 500 to a box, per box, $1.30; 10 boxes or more, $1.20 each.

GRAFTING WAX. Per ¼-lb. bar, 20c; ½-lb. bar, 35c; 1 lb., 55c.

UTILITY VICTORY GARDEN STAKE

A sturdy hardwood stake 3 ft. long, over 1" diameter with pointed end. Has 2 holes to support rows of white ordinary clothes line or wire over ¼" diameter. Handy for circling trees and ornamental shrubs to repel dogs and prevent trespassing. Painted green to harmonize with lawn and garden. Can be used as a plant stake and can also be used on newly seeded lawns and flower beds. Pkg. of 4, retails at 45c; 12 pkgs. for $3.60.

JUMBO SIX FT.—3 TIE DAHLIA STAKE

For Dahlias, Gladiolas, Young Fruit Trees, Vines, Pole Beans, Giant Peas, and a score of other needs. Purposely made for any Garden purpose. Made of rugged hardwood with 3 (¼") holes to regulate respective heights of tall growing flowers, vegetables, plants and vines. Retails at $2.50; per doz., $2.00; 6 doz., for $10.00.

Plant Stakes—A Full Line

Wood Stakes, Green Painted
Medium weight pointed.
3 ft., per 100, $5.50; 4 ft., per 100, $8.50; 5 ft., per 100, $10.95.

Wood Stakes, Green Painted, Heavy Grade
4 ft., per 100, $10.95; 5 ft., per 100, $12.95; 6 ft., per 100, $15.95.

Bamboo Stakes, Plain and Green Painted.

	F. O. B. Chicago Per 100	Per 1000	Per Bale of 2000	F. O. B. New York Per 100	Per 1000
1½ feet	$0 90	$4.95	$ 9 40	$0.90	$4.95
2 feet	1.20	6.25	11.00	1.20	6.25
2½ feet	1.35	8.00	15.50	1.35	8 00
Natural. 6 ft.	2.40	16.50	.....	.....	16 50
3 feet	1.65	8.95	17.40	1.65	8 95
3½ feet	2.25	9.85	18.90	2.25	9 85
4 feet	2.45	11.50	21.50	2.45	11 50

Write for price in bale lots

Heavy Tonkin Stakes, Natural Colors. Heavy weight bamboo. Entire stake same weight, does not taper. Ideal for roses, dahlias, young trees, etc. Just the thing for florists and nurserymen. Lasts a lifetime.

Length	Diameter	F.O.B. New York Per 100	F.O.B. Chicago Per 100
4 ft.	½ to ⅝ inch	$8 00	$8.25
4 ft.	⅝ to ¾ inch	8 50	8.75
5 ft.	⅝ to ¾ inch	9.50	9.00
6 ft.	⅝ to ¾ inch	10.50	10.00
8 ft.	⅝ to ¾ inch	12.50	12.00

Galvanized Wire Stakes Made of No. 8 Wire

	Per 100	Per 500	Per 1000
4 ft.	$2.75	$12.25	$22.00
5 ft.	3.50	15.50	25.75
6 ft.	4.20	16.75	29.95

We may be in position to furnish smaller sizes about March 1st.

Letters, Figures and Clock Dials

CLOCK DIALS. Made of finest felt. Colors: Purple and White and White and Purple. Price, 4 inch, ea., 30c; doz., $3.00; 7 inch, ea., 50c; doz., $5.40.

GOLD SCRIPT WORDS. Gold finish. In the following inscriptions: Mother, Father, Brother, Sister, Asleep, etc.; ten words in a package. Price, per package of 10 words, 25c; per 100 words, $1.95; per 1,000 words, $16.00.

GILT RIBBON LETTERS. Gummed. 25 letters in a package, in letters A to Z, figures 1 to 9. 1¼ in. Per 100, 25c; per 1,000, $2.25.

Protective Materials

GLASS WOOL. Protection and perfect mulch for your prized Plants and Shrubs, has been proved superior to all other mulches for the winter protection of plants. A snowy white blanket composed of extremely fine glass fibres. Packed 12 rolls to a carton, 24" x 96" in size, 192 sq. ft. Price per carton, $6.50; three cartons for $18.75.

Write us for prices on Hotbed Heating Cable and Thermostats.

MILL CREPE DUPLEX TREE WRAP

For covering the trunks of transplanted and newly set fruit and shade trees. Helps your stock to get off to a healthy start. Rolls, 4 inches wide, about 120 ft. to a roll. Weight about 2 lbs. Each, 50c; 5 rolls for $2.25; 10 rolls for $4.50; 25 to 49 rolls at 42c roll.

Paper Pots and Plant Bands

☞ Prices on pots subject to change without notice ☜

IMPROVED NEPONSET PAPER FLOWER POTS. The famous pot with a new use. A waterproof pot that can be used for growing plants, especially in the greenhouse where they have to stand continual watering from six to eight weeks. The ideal pot for transplanting and shipping. Unbreakable and much lighter in weight.

Size, inch	Per 100	Per 1000, F.O.B. New York	Per 1000, F.O.B. Chicago	Original crates hold	Gross wt. of 1000 pots about
2	$0.55	$ 3.60	$ 3.75	1,000	10 lbs.
2¼	.60	3.75	3.95	1,000	12 lbs.
2½	.70	3.95	4.10	1,000	16 lbs.
3	1.10	4.70	4.90	1,000	24 lbs.
3½	1.15	6.15	6.35	1,000	34 lbs.
4	1.30	7.45	7.60	500	46 lbs.
5	1.85	9.70	9.95	500	75 lbs.
6	2.40	12.50	12.95	500	102 lbs.

NEPONSET GREEN POTS—For Growing. This new development makes it possible to take advantage of the economy, ease and convenience of paper pots for the full growing period of young plants without any damaging or retarding of root growth. In fact, the special waterproofing treatment of these pots seems to encourage healthy growth.

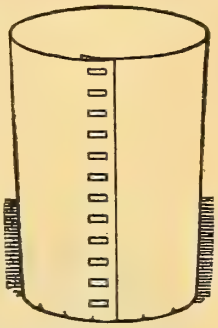
Size	Per Case Quan.	Per Carton Shipping Wt.	Price per Carton
2 inch	1,000	14 lbs.	$ 6.75
2¼ inch	1,000	16 lbs.	6.85
2½ inch	1,000	22 lbs.	7.75
3 inch	1,000	28 lbs.	8.95
4 inch	500	26 lbs.	5.90
5 inch	500	44 lbs.	8.75
6 inch	500	62 lbs.	11.65

CLOVERSET PLANT POTS. An improved pot or container made of tough asphalt-coated laminated waterproof fibre stock, closely riveted so that it will stand much handling; made in four sizes, packed 100 to a carton.

Standard Heavy Weight Cloverset Pots

No.	Height	Diam. Top	Diam. Bottom	Weight per 100	Per 100	Per 1,000
0	5 in.	5 in.	4½ in.	35 lbs.	$2.50	$22.50
1	6½ in.	6 in.	5½ in.	52 lbs.	4.00	35.00
2	9½ in.	7 in.	6½ in.	77 lbs.	4.50	40.00
3	9 in.	8 in.	7½ in.	88 lbs.	5.00	45.00

All orders for Cloverset Pots shipped from Kansas City.



Cloverset Plant Pots

BIRD GROWTH-STIMULATING PLANT BANDS

A band for every purpose. Units of 1,000 only.

Vita-BanD A. Designed for all-around use, especially for long growing periods. Ideal for carnations . . . Treated with nutrients to assure vigorous, well-balanced growth. A heavy and sturdy plant band.

Per 1,000	1¾x1¾x2½	2x2x2½	2x2x3	2½x2½x3	3x3x3	3x3x4
	$2.95	$3.20	$3.50	$3.75	$4.45	$5.40

Vita-BanD B. Designed for growing periods up to 8 or 10 weeks. Same superior growing results as Vita-BanD A bands. . . . Designed and priced for shorter growing periods.

Per 1,000	1¾x1¾x2½	2x2x2½	2x2x3	2½x2½x3	3x3x3	3x3x4
	$2.50	$2.70	$3.10	$3.30	$3.55	$4.25

GROWTEX. Also designed for growing periods up to 8 or 10 weeks. Has the same quick set-up and fast handling features **without** nutrient treatment. A low-priced band giving satisfactory results for the shorter growing periods. May require an occasional liquid feeding.

Per 1,000	1¾x1¾x2½	2x2x2½	2x2x3	2½x2½x3	3x3x3	3x3x4
	$2.25	$2.50	$2.80	$3.00	$3.25	$4.00

All of the above plant bands made of fibre-resin materials developed by extensive research work. Tested and proved under all growing conditions by successful greenhouse operators.

NEPONSET Fibre Plant Bands—Cemented type. Priced to close out inventory. Orders filled while they last. Fast set-up. Stand up for long growing periods. Growing results good. May require a little more liquid feeding than Growtex.

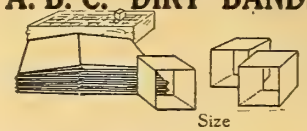
Per 1,000	1¾x1¾x2½	2x2x2½	2x2x3	2½x2½x3	3x3x3	3x3x4
	$2.00	$2.15	$2.50	$2.75	$3.00	$3.75

NEPONSET "TOM THUMB" FLATS

Made of heavy fibre resinous material. Easily set up. Comes in two sizes to hold either a dozen 1¾-inch bands or a dozen 2-inch. You will find these ideal for counter sales of bedding or vegetable plants. Price, size No. 1, $16.25 per M; size No. 2, $17.50 per M; f.o.b. East Walpole, Massachusetts. Price, size No. 1, $17.88 per M; size No. 2, $19.28 per M; f.o.b. Chicago, Illinois.

Orders for shipment East of Pittsburgh will be shipped out of East Walpole, Mass. Orders West of Pittsburgh, and including Pittsburgh will be shipped out of Chicago.

A. B. C. DIRT BANDS



Made of cardboard chemically treated for growing plants in flats.

Packed approx. 5,000 to a carton special price on larger quantities.

Size	Weight Per 1,000	Per 1,000	In Lots of 5,000
1¾x1¾x2¾	12 lbs.	$2.40	$2.15 per 1,000
2 x2 x2	10 lbs.	2.25	2.00 per 1,000
2 x2 x2½	13 lbs.	2.50	2.25 per 1,000
2½x2½x2½	15 lbs.	2.75	2.45 per 1,000
3 x3 x3	22 lbs.	3.10	2.75 per 1,000
4 x4 x3	26 lbs.	3.75	3.40 per 1,000

WOOD VENEER PLANT BANDS

Used by the largest growers for vegetable plants, perennial plants, carnations, snaps and stocks. For transplanting in greenhouse or outdoors. Packed 1000 to carton.

	Weight per 1000	Price per 1000
2 x2 x3	16 lbs.	$3.65
2½x2½x3	20 lbs.	3.90
3 x3 x3	21 lbs.	4.25
3 x3 x4	32 lbs.	4.50
4 x4 x4	40 lbs.	5.25

Saves labor when potting. Prevents drain from clogging, thus promoting better plant growth. Easily installed at any time. Will not shift around. Placed in pot with points down. Size, 1⅞ in. dia., 22 galv. steel. Fits 3½ to 7 inch pots. Shipping weight, 24 lbs. per 1000. Prices, 500 for $6.00; 1000 for $10.00; 5000 for $45.00; 10,000 for $85.00. Sample on request.

EVER GRO POT DRAINS. Counter carton containing 100 packages of Ever Gro Pot Drains with six 4 color 4 x 6 in. display easels, which retail at 10c per package. Price, per carton of 100 pkgs. with easels, $6.00.

SEED FLATS

Made from clean Ponderosa Pine, knocked down, put up in bundles of ten flats each.

	Inside Dimensions	Per Bundle of 10
No. 2	22⅜ x 15 x 2¾ inches	$2.85
No. 1	20 x 14 x 2¾ inches	2.50
No. 2-A	22⅜ x 15 x 3¾ inches	3.00
No. 1-A	20 x 14 x 3¾ inches	2.85

PANSY BASKETS

Price, 2 qt. size, 500 for $11.50; 1,000 for $22.00; 3 qt. size, 500 for $13.00; 1,000 for $25.00.

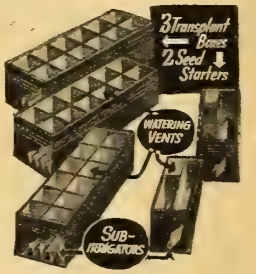
Write for prices on Hotbed Sash.

The Green Thumb Window Garden

To start seeds in the house, and grow transplanted seedlings into sturdy individually potted plants. Two seed starters are provided, having a total capacity of five to ten dozen seedlings. Also three transplant boxes, fitted with 33 plant bands, in each of which a seedling can be grown into a pot-plant.

All five boxes, with the trays and bands fitted into them, are made of waterproofed paper board. They are narrow enough to fit on a window sill. A self-watering feature, providing irrigation from below, reduces watering to a matter of adding measured quantities once or twice a week.

RG33 consists of the five boxes described, with 33 plant bands, packaged in a 4-color envelope. Retails for 79c; doz., $6.00.



DeLuxe Seed Starter and Pot Combination

This equipment is similar in a general way to that described above except that instead of plant bands, round pots are used, and no container for these pots is provided. The seed starter has a capacity of six to twelve dozen seedlings which should be transplanted to the pots.

No. RG50, consists of seed starter and 50 2¼-inch pots. Retails for 89c; doz., $6.60.

Window Sill Greenhouse

Capacity, 30 to 60 seedlings, 22 pot plants. Made of mildew resistant waterproof material.

RB22. Retails, 29c; doz., $2.35.

CUTWORM PROTECTOR

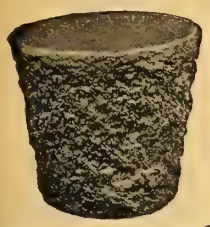
Made of waterproof heavy fibre resin material. Does not disintegrate in the ground. 3 inches in height and 3 inches in diameter. Easy to place around a plant with a simple lock.

RA-50, 50 to a package. Retails for 25c; doz., $1.80.

Jardiers and Vases—Thermometers

Jardier Pot Covers. Popularize the potted plant—because they safeguard the appointments of the finest homes—table tops, linens, window sills—from soilage and overflowing saucers. These are inexpensive, yet take the place in beauty and service of expensive jardinieres. Save time and labor over other methods of trim.

JARDIERS FOR STANDARD SIZE POTS



In Imitation of Pottery — Stucco Effect

Sizes	Diam. Top Inside	No. Per Carton	Price Per 100
No. 4	5¼ in.	100	$ 8.00
No. 5	6¼ in.	80	10.00
No. 6	7¼ in.	50	13.00
No. 7	8¼ in.	35	20.00

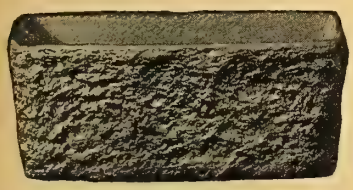
(EXAMPLE: Use No. 6 Jardier for a 6-in. Pot.)

JARDIER BULB BOX

No. 3 (or 3 in 1)—Curved construction makes possible a perfect fit for three 3-inch clay pots. Makes ideal table center-piece, 12 inches long, 5 inches wide, 4½ inches high. $20.00 per 100, packed 50 per carton.

NOTE—No. 3, No. 4 and No. 5 Standard Jardiers are extensively used as "vases" for shortstemmed flowers.

THE JARDIER BULB BOX



No. 4 Jardier Bulb Box

Here is the final solution to bulb and plant "box idea" and its many possibilities.

The Jardier box is absolutely waterproof. Place the soil and plants directly into the Jardier. It is the least expensive and most practical method of carrying out the beautiful box idea. Jardier Boxes are self-aerating—same as Jardier Vases—stimulating plant growth.

No. 4—12 in. long—5 in. wide—4½ in. deep. $20.00 per 100—50 per carton.

Standard Color—Green **Special Color**—White with Gold Trim.

JARDIER VASES

Colonial

Standard Colors—Green—Lavender—With Duo-Tone Finish.

THE COLONIAL

Standard Colors—Green with Duo-Tone Finish.
Special Colors—White with Gold Trim.

9 in. high, 3 in. in diameter, $12.00 per 100; 60 per carton.
12 in. high, 4 in. in diameter, $20.00 per 100; 32 per carton.
15 in. high, 6 in. in diameter, $35.00 per 100; 13 per carton.

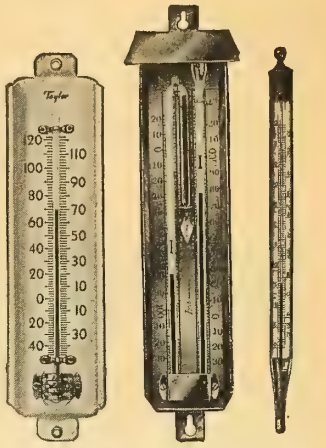
FLOWER TUBS. **"Richmond Style."** These are made of best seasoned White Virginia Cedar, securely bound with welded wire hoops. They are nicely painted green, paint of best oils. Florists will find them ready sellers where a substantial yet attractive tub of moderate price is required. Stamped steel handles are also supplied at an additional charge as below. Prices F. O. B. Chicago or New York. Prices subject to change without notice.

	Inside Top Diameter	Depth Inside	Price, Each		Inside Top Diameter	Depth Inside	Price, Each
No. 1.	7 in.	6 in.	$0.70	No. 9.	14 in.	13 in.	$1.85
No. 2.	7 in.	7 in.	.75	No. 11.	16 in.	15 in.	2.10
No. 3.	8 in.	8 in.	.80	No. 13.	18 in.	17 in.	2.95
No. 7.	12 in.	11 in.	1.20	No. 14.	19 in.	18 in.	3.50

If handles are required, add 45c per tub.

JARDIERS, VASES, BULB BOXES, AND PLANT TUBS not available for immediate delivery. Orders for these items will be filled as soon as we can procure this merchandise.

THERMOMETERS. Tin Case. Standard grade (tested). 12 inches. Guaranteed accurate tin case thermometers, black oxidized metal scale, heavy magnified easy reading tube, each, $2.75; 3 for $7.50; doz., $28.80.



Taylor Self Registering Hotbed

Self Registering Tycos. No. 5452, with magnet. 10 in. Maximum and minimum registering thermometers mounted on substantial plastic frame, guaranteed accurate, complete with magnet, each, $8.00.

Taylor Utility Thermometer. White vitreous enamel scale, black figures and graduations; easy reading red permacolor tube which will not fade; prongs on top and bottom for easy mounting, about 8 inches. Each, $1.00; three for $2.75; doz., $10.00.

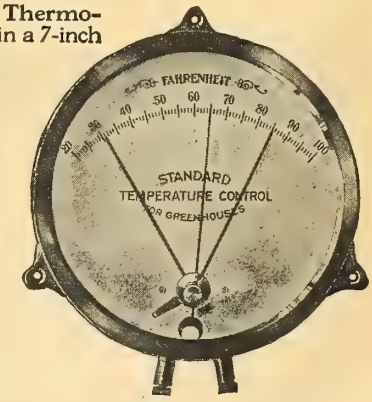
Hotbed (Mushrooms). All glass heavy paint, each, $1.25; 3 for $3.50.

No. 5532-S HUMIDIGUIDE

Permacolor tubes with magnifying lens, indoor temperature range. Scales have burnished metal figures and graduations on a polished lacquer background. Frame is mahogany bakelite with revolving humidity table and easy filling reservoir. Each in attractive box complete with spare wicks and instructions. Each, $5.50. Wicks for Humidiguide, per dozen, $1.00.

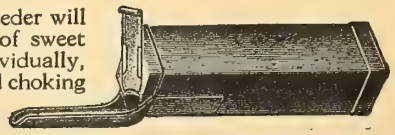
Standard Recording Thermometer No. 200. Furnished with daily chart No. 3 or weekly chart No. 2. Range of temperature 20° to 120° F. Price, $50.00.

Standard Greenhouse Thermostat. No. G. H. 4, arranged in a 7-inch enameled, hermetically sealed metal case supplied with padlock and key. Contact hands when set can be changed only by person having key. Price, $18.00. Shipping weight, 4 lbs.



Standard Greenhouse Thermostat. No. G. H. 3, enclosed in 6-inch non-rusting metal case. Contact hands are set by a stud extending through the glass. Price, $12. Shipping weight, 2 lbs. Prices do not include wire, batteries or bell.

New Handy Seeder



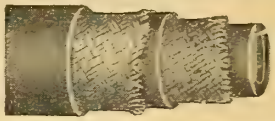
This little handy seeder will sow seeds up to size of sweet peas, scatters seed individually, prevents crowding and choking of seedlings, eliminates guess work because you can see each seed drop, no matter how fine. Saves time because you can sow seeds twice as fast. Price, each, 50c, postpaid; three for $1.45; doz., $5.40; retails at 60c each.

Rubber Hose, Couplers, Nozzles, Etc.

Vaughan's 3/4" Water Hose

This is the finest grade of hose obtainable at this time. This is a two braid hose and is suitable for garden and greenhouse use. Price, 26c per foot. Couplings, 35c per set extra. This hose can be furnished in any length. 5/8 in. Single Braid Hose. **Price, per 50 ft. length, $4.50.**

Price, 3/4 or 1/2-inch couplings, 35c per set; sample mailed free if desired.



SPRAY HOSE. For high pressure spraying. 3/8-in., per ft., 26c; 1/2-in., per ft., 30c.

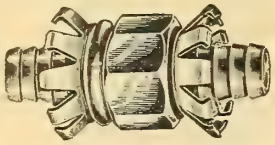
HOSE COUPLING, Improved Ever-Tight. No more waste of time, just press the lever, instant tight connection. A great time saver, a coupling that every greenhouse should be equipped with. Price, complete, 60c; doz., $6.00.

HOSE STRAPS, Caldwell. For 1/2, 3/4 and 1-inch hose. Dozen, 40c; gross, $3.75.

PLASTIC CLINCHER HOSE COUPLING. Tight grip, will not leak, easily applied. Made with dark green plastic body. The heavily plated fingers grip the hose tightly and make a leak-proof connection. The couplings have a large octagon shaped swivel. They are easily attached. Each, 35c; doz., $3.60.

Plastic Clincher Hose Mender

Price each, 15c; doz., $1.20.



GARDEN CLUB PLASTIC ADJUSTABLE HOSE NOZZLE.

Dark red finish. Adjustable for sprays, streams and shut-off, leak proof. It is a satisfactory wartime substitute for standard brass nozzle. Each, 75c; per doz., $6.00.

HOSE WASHERS. 3/4-inch. Doz., 10c; gross, 50c.

SOIL SOAKER

Irrigation hose for deep soaking. No. 0—12 ft., each, $1.15; six for $5.75. No. 1—18 ft., each, $1.50; six for $7.90; No. 2—30 ft., each, $2.25; six for $11.90; No. 3—50 ft., each, $3.50; six for $19.50.

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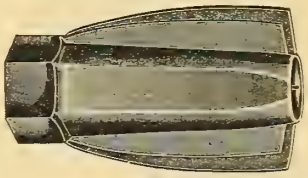
EROSIONET

Use Erosionet

For New Lawns, Weak Lawns, and Stubborn Terraces

Made of strong open mesh fabric, will hold your seed and sod firmly in place, prevents washouts, does not present an unsightly appearance, grass and clover soon rendering it almost invisible. Can be removed when grass becomes 2 1/2 in. high. Width, 45 inches. Price per yd., 13c; 100-yd. lots, 12 1/2c per yd.; rolls of 250 yds., 11 1/2c per yard.



MIST-IC FANSHAPED FLAT SPRAY

Made of plastic—light in weight and easy to handle, this slotted nozzle throws a perfect spray, an even fine fan-shaped flat spray that is just what gardeners want and need. Each, 50c; doz., $4.00.

NOZZLES FOR SPRAYING INSECTICIDES & FUNGICIDES.

Bordeaux Nozzle to fit a standard 1/4-inch thread adjustable from fine spray to stream. Each, $1.25.

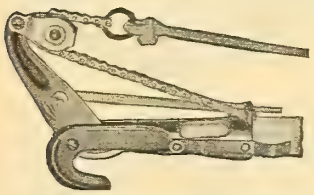
Vermorel Nozzle, non-clog, to fit 1/4-inch thread. Each, $1.25.

Auto Pop Nozzle, including automatic shut-off. Each, $1.50.

Nozzle only, without shut-off, each, 75c.

ALL TYPES OF PRUNING TOOLS

IMPROVED TELEPHONE PRUNER. A strong and rugged Pruner with many advantages, such as lighter weight, greater cutting power, strength and greatly improved spring action which eliminates spring breakage. No. 12 cuts 1 1/2-inch branches, No. 11 cuts 1-inch branches. No. 11 Pruner Head only, $2.75. Price, complete with one head pole, 6 ft., and two 6-ft. extension poles, $11.50. No. 12 Pruner head only, $6.50. Price, complete with head pole and two 6-ft. extension poles, $18.00.



TREE PRUNERS. Waters' 6-ft., $2.25; 8-ft., $2.75; 10-ft., $3.00; 12-ft., $3.25. Extra blades, each, 30c.

No. 4 Jointed Tree Pruner, 12 ft., in three 4-ft. sections. Each, $9.25.

PORTER TWINCUT PROFESSIONAL ONE HAND PRUNER. This pruner is drop forged from selected tool steel. The patented pivot bolt cannot tighten or loosen in use, yet can be easily adjusted. Equipped with new concealed locking device. Instantly locks or unlocks the closed tool with the touch of the thumb. 9 inch full polish. Price, each, $3.50.

CLYDE DRAW CUT PRUNER. No. 5402 heavy duty pruner, 24 inch reinforced handles, each, $3.50.

BUCKEYE PRUNERS. No. 5406, 20 inch handles, each, $1.60; 24 inch handles, each $1.95.

SAWS (Atkins) Double-Edged Pruning.

18-in.. $1.65

TRIMMER, California Pole. Curved, draw-cut saw with crook for removing branches. Each, $2.50; 3 for $7.25.

Forester Pruning Saw. Makes heavy pruning easy and saves time. 26 inches long. Each, $2.35; 3 for $6.75.

Utility Speed Pruning Saw. Length 26 inches, curved blade. Each, $4.25.

Glazing Materials and Hotbed Supplies

VITASPLASTIC TIRE COATING. Prevents cracks in tires, permits retreading. A war discovery. Dries quickly. Makes tires look new. Tire can be used from fifteen to thirty minutes after application. Can also be used on running boards, floor mats, top dressing, rubber hose, shoes, and other rubber items. Price per pint, $1.00; 8 pints for $12.00; gallon, $6.95.

GARLANITE. The original white glazing compound, remains soft and flexible, easy to apply and to remove. Price 40 and 60-gal. drums, $2.40 per gal.; kegs, 10 and 20 gals., $2.50 per gal.; 5-gal. kegs, $2.70 per gal.; gal. cans, $2.75. 10 gals. or more prepaid.

GARLAND WHITE SHADING COMPOUND. 25 lbs. is equivalent to 2 gals. 25 lbs., $4.00; 50 lbs., $7.00; 100 lbs., $13.00; 200 lbs., $24.00; 300 lbs., $35.00; 500 lbs., $55.00, F.O.B. Chicago or Cleveland, O. 100 lbs. or more, freight prepaid and shipped from factory.

TAMM'S SHADING COMPOUND. Save on shading painting. Stays on in rainy weather and is easily removed when no longer needed; none better made. White, per 100 lb. keg, $9.00; Barrel of 400 lbs., $28.00. Green, 2c per lb. higher.

VAUGHAN'S GREENHOUSE BULBING CEMENT. A pure asphalt glazing compound for greenhouse use. Will not crack or run and adheres to all glass and framework or sash. One gallon to 300 lineal feet. Apply with Mastica Machine or Bulber. 60, 40 and 20-gal. drums at $1.00 a gal.; 10 and 5-gal. drums at $1.30 a gal.; 1-gallon can, $1.50.

MODEL "O" SAFETY GLAZING GUN. Gratis with 40 or 60-gal. drum of glazing cement. Each, $5.50.

VITAPLASTIC GREENHOUSE MAINTENANCE PRODUCTS, Vita Bar Seal Paint. Effectively seals and protects Greenhouse Bars, having excellent durability and adhesion to both bars and glass due to the exclusive use of Vitaloid. Per gallon, $3.50; 5 gallons, $17.50. Freight prepaid on 10 gallons or more.

Vita Bedding Compound. An excellent elastic compound for rebedding. Gal., $2.75; 5-gal. pails, $12.50; 10 gals. or over prepaid.

PUTTITAPE. A wonderful new method of glazing new ever soft gum now mounted on tape, made of lead foil to protect it, comes to you in handy rolls. Just unroll on the sash and bars, price, 100 ft., $3.50; per 700 ft., $21.00.

SEAL-A-SEME. For repairing leaky ice cans, galvanized vases and greenhouse water buckets. Easily applied, brine proof. Does not retard refrigeration. Creates an absolutely tight joint that will last for years without further care or attention. 1 lb. can, 85c; 10 lbs., $7.50.

GLAZING PUTTY. Gun Grade. A superior grade which will not dry out and crumble. Seals tight, remains soft and pliable. Gal., $2.10; 5 gal. can, $10.00; 30 gal. drum, $55.00.

PUTTIROPE. A great new improvement for glazing and caulking, easy to apply, won't deteriorate, run or get brittle. 100 ft. to a box. 100 ft., $1.00; 300 ft., $2.50. Postpaid, 1,000, ft., $5.00. F. O. B. Pana, Illinois.

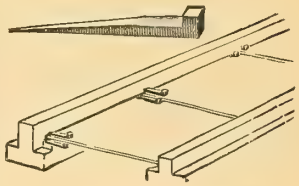
TROJAN ROLLER TYPE GLASS CUTTER. Doz., $2.50; each, 25c.

PUTTY KNIFE, No. 120. A very good tool. Each, 45c; 3 for $1.25.

GLAZING POINTS, Vaughan's Perfection—No rights or lefts.

No. 2. For large single thick glass.
No. 2½. Double thick, for greenhouses and skylights.
No. 2. Price, per lb. (about 900), 60c; in lots of 5 lbs., 55c per lb.; No. 2½. Per lb. (about 800), 60c; 5 lbs. at 55c per lb.
Write for prices in larger quantities.

SIEBERT'S IMPROVED.



Easy to drive and made so they will not wedge or crack glass in driving. The head gives a good surface and makes it very easy to drive with a chisel, and the point is very easily pulled out in repairing greenhouse roof. Two sizes, ⅝ and ⅞ inch long, put up in 1-pound packages. Over 1,500 points in 1-lb. pkg. of ⅝ in; over 1,000 points in 1-lb. pkg. of ⅞ in. Price: per lb., 50c; 5 lbs., $2.25; 20 lbs., $8.25.

Mortite is just as effective for use outside as inside, as it is waterproof, stands weather and can be painted. A superior method for glazing windows and doors for caulking casement. Can be smoothed off with roller and lasts indefinitely. Comes all ready for use on rolls like ribbon for homes, sash, insulating and filling cracks. Box contains enough tape to insulate 5 or 6 windows, price per box, $1.25; 10 boxes, $11.00.

Hotbed Mats

For protecting Hotbeds, made of poplin material, vat dyed and Sanforized to make them damp proof, 40x76", price each, $4.95; dozen, $49.00; 76x76", price each, $6.95; dozen, $72.00.

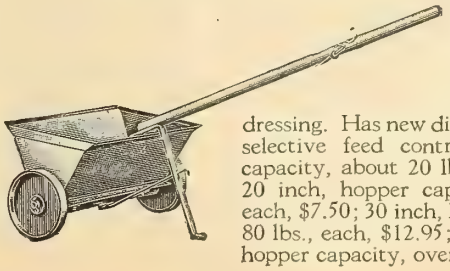
VITAPANE GLASS SUBSTITUTE. Crystal-clear transparent, durable, glossy material. Admits over 60% ultra violet rays for greenhouses, hot and cold bed frames, hot houses, as plant protectors and everywhere glass is generally in use. Put up in 50-ft. rolls, 36 inches wide. Price per roll, $9.25; 5-roll lots at $7.40 per roll; when purchased for re-sale, in 5-roll lots, $6.20 per roll.

SASH, Hotbed. Made of Cypress or Redwood; sap free. Unglazed, 3x6 ft., for 3 rows, 10-inch double glass, each, $4.10; 3 for $11.70; doz., $44.00. Glazed double strength, each, $6.95; 6 for $40.50.

Our sashes are made of clear air-dryed cypress. Unglazed sashes are not painted. Glazed sashes are painted one coat.

There will be a crating charge of $1.20 per crate on glazed sash only. Crate holds 5 shashes.

Salem Fertilizer Spreaders



For lawns, gardens, parks, golf courses, etc. Will spread any kind of commercial fertilizer, grass seed and top dressing. Has new disc wheels, foot rest and selective feed control. 16 inch, hopper capacity, about 20 lbs., price, each, $4.25; 20 inch, hopper capacity, about 40 lbs., each, $7.50; 30 inch, hopper capacity, about 80 lbs., each, $12.95; 36 inch Heavy Duty, hopper capacity, over 100 lbs., each, $24.50.

Lawn and Garden Supplies

"HERBICIDE"

For ordinary grass and weeds each part of Herbicide may be diluted with forty to fifty parts of water. One gallon will cover app. 2,500 sq. ft. Herbicide is a poison. Live stock should be kept off the treated ground until the dead leaves wither away. Qt., **50c**; gal., **$1.50**; 5 gals., **$6.00**; 10 gals., **$10.00**; 55 gals., **$35.00**.

When ordering drums $5.00 deposit required returnable for credit.

GETZUM WEED GUN

Kills dandelions and other weeds without injury to lawn. Does not sterilize the soil. Does not corrode or rust metals. Insures easy and economic application. No stooping or back breaking. Place cane on crown of dandelion or weed and press handle lightly. A small amount of chemical is released and does all the work. Price complete with liquid, each, **$1.75**; 12 for **$14.00**. Killer Kemical, pint, each, **30c**; carton of 12, **$2.40**.

GRAINO

Hormone seed treatment and rooting stimulant. Just dust on flower or vegetable seed or dip cuttings in powder. Treating seed makes better rooted plants. Increases yield, hastens rooting. Lb., **$2.97**. **25c** packets, 2 dozen in colorful display card, shipping weight 1 lb. 11 oz. Price **$3.60** per display; 20-in-One size package retails at **$1.00**, 10 to carton, shipping weight 5 lbs. Price **$6.00** per carton.

ZOTOX CRAB GRASS KILLER

An amazing new chemical which kills both the seeds and plants of Crab Grass (Water Grass) in lawns. Prevents recurrence the following year. Not Toxic to soil. Must be applied in fall. 1 lb. treats 1000 to 2000 sq. ft. Price, 8 oz., each, **$1.00**; doz., **$7.20**; 16 oz., **$1.50**; doz., **$10.80**; 5 lbs., **$4.50**.

DUPONT AMMATE WEED KILLER

(Ammonium Sulfamate). A non-poisonous weed killer which can be applied by hand or power sprayer or can be applied dry. Will kill poison ivy, poison oak, poison sumac, dandelions and plantain. Use ¾ to 1 lb. to a gallon of water. Price, 2 lb. bottle, **75c**; 10 lb. carton, **$3.00**.

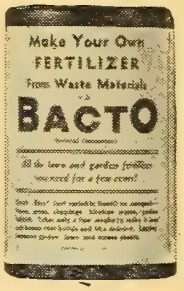
VITAMIST

Vitamize as you sprinkle. A small Vitamin cartridge does the trick. Simply remove the nozzle from your hose, drop a Vitamist cartridge into the hose, replace the nozzle and turn on the water. Adjust it to a fine spray and sprinkle the Vitamin over any part of your lawn and garden. One cartridge will vitamize about 1500 square feet, a space about 30x50 feet. It takes about six minutes to dissolve the entire cartridge. Package of 30 cartridges retails at $1.00; price per display carton of 13, $8.00.

WEEDONE

TRADE MARK

It kills the plant under ground as well as above ground. Does not irritate skin and does not corrode metal or spray equipment. Will not leave residue on plants that is hazardous to live stock or pets. Does not sterilize the soil. Mix one part to sixty parts of water. Will kill poison ivy, bindweed (morning glory), ragweed, burdock, dandelion, plantain, etc. Price, per quart, **$4.00**; gallon, **$12.00**; 5 gals., **$55.00**.



BACTO

Make your own fertilizer, easy, quick—often as little as three weeks. Just sprinkle Bacto on kitchen waste, leaves, garden rubbish, sewage sludge, etc. 5 lb. bag makes up to a ton of rich, soil-building organic humus, better than manure. Sprinkle in outdoor toilets, reduces odors, makes easily-handled ash of waste. Price 4 oz. cartons, retail at **35c** each, per carton of 10, **$2.25**; 5 lb. bags retail at **$1.65** each, **$1.15**, 6 for **$6.00**; 25 lb. bags retail at **$5.25**, 3 for **$10.50**.

RODENT ROCKETS

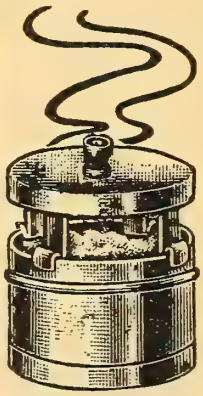
...THE EASY WAY

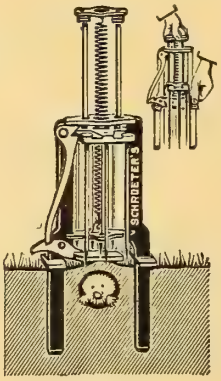
Novel, effective destroyers; strike like a match and blitz out whole families of gophers, moles, rats, field mice, ants, etc., at one "shot." Safe, sure, efficient aids to hunters in "un-treeing" holed-up woodchucks, raccoons, etc.

Packed two dozen to an attractive display carton, weight 2½ lbs. Invaluable in Nursery and Greenhouse. Price per carton of 24 rockets, **$1.50**; six cartons for **$8.00**.

MOLE TRAP

Improved with patented setting attachment. One of the best mole and gopher traps. Each, **$2.00**.





Mole Trap

EVER READY SMUDGE STOVE

Will drive away mosquitoes, flies and other insects. Has a pleasant odor. Will last a long time and is inexpensive to burn. Is safe to use as there are no sparks to fly about. No danger of burning your lawn. Can be used on fishing trips, lawn parties, etc. Each, 35c; dozen, $2.80; 36 Smudge Stoves for $8.00.

Bird Houses and Feeders

AUTOMATIC BIRD FEEDERS

(Patented)

An economical feeder for all kinds of seeds, cracked corn or other small food.

If filled with sunflower seeds, it unfailingly attracts Cardinals, rose-breasted Grosbeaks, Finches and many other large as well as small pretty birds all year around.

Birds enjoy swinging with the feeder. Each, $1.75; 6 for $8.30; doz., $16.00.

WREN HOUSE No. 16

This time tested stepkut house is designed to meet the needs of birds, the steps help nestlings to reach the exit, bottom removable for cleaning. Price, stained brown, each, $1.10; 6 for $6.00; white and green, each, $1.35; 6 for $7.20.

Blue Bird House No. 5 similar to the above, stained brown, $1.00; 6 for $5.00.

MARTIN HOUSE No. X315

Twenty compartment house, two stories high, unpainted, $11.00. Painted two coats in white and green, $13.00.

Twenty-eight compartment house, three stories high, unpainted, $13.00. Painted two coats white and green, $15.00. Crating charge $1.00 extra.

ROBIN ROOST No. 4

Robins will not occupy a nesting box, but insist on a covered sheltered shelf which allows them to see on at least three sides. Stained brown — each $1.10; 6 for $6.00.

No. FS21 GARDEN CRAFT FEEDING STATION

This is one of the most successful and appreciated bird feeders. It is equipped with a spindle for mounting, and the double weather vane keeps the sheltered end headed into the wind, thus keeping the food dry in rainy or snowy weather.

Size 24x12x12. Shipping weight 16 lbs.

Price stained brown	$4.20
Price stained with glass back	5.75
Erection Post bored for mounting rod	1.10

No. FS10 GARDEN CRAFT BIRD FEEDER

This cleverly constructed feeder will provide endless pleasure and satisfaction for bird lovers. You will be more than repaid for your generosity in providing food for your feathered friends during the early spring, late fall and winter, by their appreciation. Size 8x3x10 in. Shipping weight 3 lbs.

Price, $1.25; 6 for $7.00.

Erection pole with arm 90c

Tools and Garden Equipment

Power Trimmers

You can save . . . the entire cost of a complete outfit as shown above during **Ten or Less Days** of use . . . **Every Kind** of Grass trimming, cutting and edging can be done **anywhere**, as power plant is portable . . . **two men each using an O.K. Trimmer can do as much work as eight to ten men using sickles.**

DeLuxe Outfit.....$190.00

Includes power plant, trimmer and cord. Up to four trimmers can be run at one time.

Extra trimmers, $23.00 each. Large base cutter, $28.00.

O. K. POWER PLANT

O. K. Heavy duty Hedge Trimmer.....$18.00

You have unlimited use for O. K. Equipment. Why not write us for further particulars—it's standard equipment now in thousands of cemeteries.

BERGMAN LAWN MOWER SHARPENER

A high-grade, durable lawn mower sharpener, easy to use and adjustable to all types of machines. No danger of making low spots in the blades. Price, **$1.00**; doz., **$8.60.**

SMITH'S FLAME SHOOTER GUN

4-gal. heavy all-welded (not riveted or soldered) corrugated fuel and air tank tested to 100 lbs.; burns kerosene, range oil, stove or light furnace oil. Price complete, **$18.95** (weight 17 lbs.).

LONG HANDLE DANDELION AND WEED PULLER

A practical weed puller grips the weed tightly so that the weeds do not break off when pulled up. It is not necessary to get down on hands and knees to pull out weeds. It eliminates back bending. Price, each, **$1.50**; doz., **$13.00.**

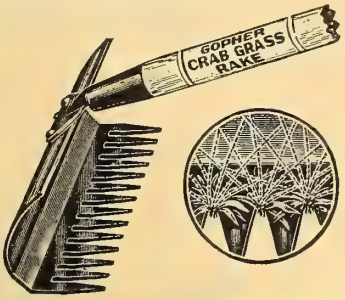
METAL LAWN SIGNS

These attractive signs have raised letters, baked enamel finish for long attractive service. Have center holes for attaching to stakes. Size 3¾x12 inches. Colors, green on white and black on white. Sign wordings — **Please-Seeded — Keep off Grass.** Signs with stakes, each, **35c**; six for **$1.50.**

PLANTING TOOLS HOLE-IN-ONE

The tapered cup removes the soil and makes perfect planting hole in one operation. A slight twist when pushing tool into the soil, also when removing it, will leave a clean flat bottomed hole. Each, **50c**; three for **$1.35**; doz., **$4.00.**

HANDY CRAB BRASS RAKE

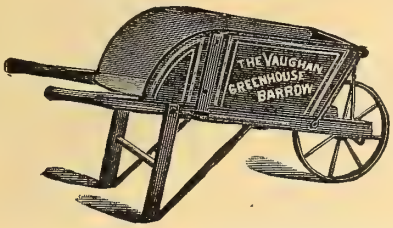


This rake is formed so that the teeth pull flat on the sod; thus they get under the branches of the Crab Grass, shear off the entire head of the plants and keep them from further seeding. You can eliminate crab grass with this rake and not harm the other grasses; it will also pull out any weed that clings close to the ground. Each, **$1.50**; three for **$4.00.**

HANDY ADJUSTABLE LAWN AND DANDELION RAKE

An all-purpose lawn rake. Depth gauges adjustable, makes rake pull easily over oil without pulling up sod; made of high carbon steel. 5 ft. ash handle. Ceiling price, each, **$1.75**; three for **$5.00.**

WHEEL-BARROW



Vaughan's Greenhouse. Made especially for use in greenhouses between the benches. Dimensions are as follows: Box, 14 in. wide at wheel end; 16 in. wide at handle end; 12 in. deep. The bottom of the box is matched and glued together, and there is no crack against which a shovel might run. The wheel is of steel, 17 inches high, with 2½-inch thread; the axle is 15 inches wide. Made of the best material. Legs reinforced, spread of handles at hand-hold 20 inches, which is extreme width of barrow. Price, each, **$10.50.**

KEMP IMPROVED POWER SOIL SHREDDER

Prepares any kind of soil, wet, dry, or stony — for any purpose. It reduces time and labor costs from 30% to 50% over old methods; makes manure and fertilizer go further. A Kemp Shredder usually pays for itself during the first year of use.

KEMP POWER SOIL SHREDDER No. 6

Shredding heavy, wet compost made from sod and manure. Designed especially for the small grower.

Low in price and economical to operate. Powered with a ½ H.P. electric motor that can be plugged into any electric light socket.

For use also in potting shed for shredding soil for use in flats and pots. Also a handy machine for shredding and mixing soil and manure on benches.

SPECIFICATIONS

Length	38"
Width	22"
Height at discharge end	36"
Height at hopper	33"
Weight	200 lbs.
Power	½ H.P.

Capacity—either one or two men loading hopper.

Parts having most wear, the hopper, top and deflector, made from steel.

Machine shipped complete with motor and cord, ready to plug into socket and run.

Price of No. 6, complete, ready to run.....$100.00

(F. O. B. Erie, Pa.)

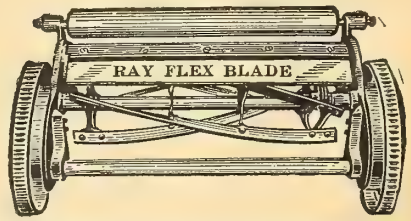
Write for prices on other sizes.

KEMP SOIL SHREDDERS

No. 5 powered with ¾ H.P. Peerless electric motor with switch and 25 ft. of cord	$200.00
No. 5 powered with 1 H. P. Briggs and Stratton gas engine	210.00
No. 5 less engine or motor	165.00
No. 1 powered with either 2 H.P. Cushman gas engine or 1½ H.P. Peerless electric motor with switch and 25 ft. of cord	275.00
No. 1 complete without motor or engine	205.00
No. 1 without motor or engine, belt or belt-shield, but with pulley for operating with tractor	195.00
No. 2 powered with either 4 H.P. Cushman gas engine or 3 H.P. Peerless electric motor with switch and 25 ft. of cord	405.00
No. 2 complete without motor or engine	300.00
No. 2 without motor or engine, belt or belt-shield, but with pulley for operating with tractor	290.00

Note: Prices for machines with electric motors are for one, two and three phase motors. For special currents, prices will be furnished on request. In ordering, be sure to state phase of current and voltage.

RAY FLEX BLADES



These blades are ever sharp, unbreakable and need no sharpening. They are in constant use in leading golf clubs, cemeteries, etc. Will fit any mower with removable bed-knife, either screwed or riveted. Comes in sizes 14, 16, 18 and 20 inches. Price, each, $2.00; 3 for $5.00.

Acme No. 1015 Insecticide and Fungicide Assortment Cost $10.15

You can now buy a complete assortment of carefully selected, quick selling insecticide specialties of the various kinds you must carry—no shelf warmers. Attractive packages, displays and scientific literature will move the merchandise into the hands of the user. The advertising will be in an envelope right in the case with the goods.

Assortment Case Contains	Item		Unit Cost	Suggested Cons. Price
12	1 lb.	Acme Vegetable and Flower Garden Dust	$0.26	$0.40
6	1 lb.	Acme Tomato Dust	.21	.35
6	2 lb.	Acme Wettable Dusting Sulphur	.20	.35
6	1 lb.	Acme Arsenate of Lead	.22½	.35
4	1 lb.	Acme Bordeaux Mixture	.20½	.35
12	1 oz.	Rotenone Garden Spray (NNOR)	.22½	.35

Total Cost—$10.15. Total amount at resale—$16.40. 38% profit on selling price.

Dusts and Pump Guns

ACME TOMATO DUST PUMP GUN. Contains basic copper arsenate. The latest improvement in the insecticide field containing a safe arsenical for controlling the tomato worm and the tomato fruit worm as well as the early and late blight and other fungus diseases which infest the tomato plant. Will not cause worm wilt. A full pound in a pump gun duster package ready to use. Retails 55c each. Ceiling price, per doz., $4.20; carton of 24 pkgs., $7.92.

ROTENONE GARDEN GUARD PUMP GUN. The old proven Rotenone insecticide which controls both sucking and eating insects. A full pound in a pump gun duster ready to use. Retails 59c each. Ceiling price, per doz., $4.50. Carton of 24 pkgs., $8.48.

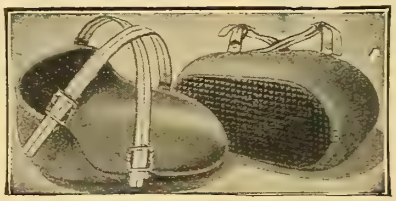
KALITE ROTENONE BUG DUSTER. This practical, efficient duster bag contains a pound of impregnated Rotenone Dust. A practical package for dusting Victory Gardens. Price per carton of 24 1 lb. packages, $5.40; 4 lb. bags, 12 to a carton, $5.76 per carton; 25 lb. bags, $3.00 each.

RABBIT REPELLENT. With safety to all including the rabbits. This 200 mesh fine snuff-like product is impregnated with rain resistant repelling "naturals" so that an application should last several weeks. 5 lb. package will treat 100 to 150 individual plants or 200 to 250 running feet of plant row. Ceiling price, per carton of 24 1-lb. pkgs., $7.20. Retails for 45c, 5 lb. bag retails for $1.75. Ceiling price per carton of 6, $7.00.

KRYOCIDE. Can be used as a spray or dust, highly effective in controlling many chewing insects. Retails at 35c per lb. Ceiling price per case of 24 cans, $5.52.

KRYOCIDE C. This is a ready-mixed dust containing natural Cryolite and Copper in basic Copper Sulphate. 1 lb. packages, per carton of 24, $7.92; 3 lb. bags, per carton of 12, $6.96.

KRYOCIDE D50 WITH SULPHUR. A combination insecticide and fungicide for chewing insects. Contains natural Cryolite. Retails at 50c per lb. Ceiling price per carton of 24 cans, $7.20; 3 lb. bag retails for 85c; carton of 12 cans, $6.60.



KNEE PADS

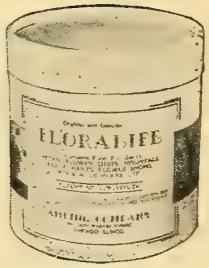
All rubber cushion pads constructed of solid and sponge rubber with adjustable straps; fit any knee, will not slip down during walking. Price, $1.65; 3 for $4.50.

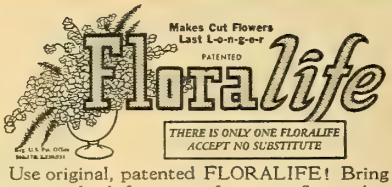
FLOWER DYE—LIQUID

A powder to be dissolved in water for dyeing flowers by absorption through the stems. Similar to dyeing green Carnations for St. Patrick's Day. All colors and St. Patrick's Day Green. Package contains enough for 2 qts. solution. 1 to 5 packages, each, 50c; 6 to 11 packages, each, 48c; 12 or more packages, each, 45c.

BLOOMTINT

Powdered dye for coloring flowers. All colors. Full directions on package. Price, small bottle, 25c; 12 small bottles, assorted colors, $2.50; large size, $1.00; 6 bottles, assorted colors, $5.00.





Use original, patented FLORALIFE! Bring customers back for more of your cut flowers because they last 5 to 10 days longer! Blossoms hold color and fragrance. No need to change water or to re-cut stems. Opens buds extra wide!

Handsome, Colorful Counter Displays

FLORALIFE sells on sight at 10c to all flower lovers. A fine profit for you. Packet prices in cartons; 25 2-qt. size, $1.25; 100 2-qt. size, $5.00.

Enclose a packet with each sale. And put it in your vase-flower orders. Also in your stock pots. FLORALIFE makes flowers, under refrigeration, last weeks longer!

FLORALIFE IN BULK

30-qt. size ($1 retail)	$ 0.60
100-qt. size ($3 retail)	1.75
250-qt. drum (10 lbs. net)	4.00
500-qt. drum (20 lbs. net)	7.50
1000-qt. drum (40 lbs. net)	13.50
2000-qt. drum (80 lbs. net)	25.00

BULK SIZES

Insecticides and Fungicides

Add Postage According to Weight and Zone (See Order Blank).

In addition to the materials listed below we can supply any preparation on the market at the right price for your own use, or for resale. If you do not find the brand you wish listed, ask us for a price on the quantity desired. Attractive profits are earned by selling small-package insecticides at retail, for which sales most flower buyers are good prospects.

ACME KOPPER SHIELD PRUNING PAINT. A specially prepared liquid paint, containing copper for treating wounds left by storms or accidents, to prevent such diseases as European canker, fungus, hard rot, other fungi. Ceiling prices, pint can, 45c; doz., $3.60; gal. $2.35.

ACME EMO-NIK. A combination spray of nicotine and summer oil emulsion for controlling aphids scale, thrip, mealy bug, etc. Ceiling prices, 4½ oz., 35c; doz., $2.52; pint, 65c; doz., $5.20; gal., $2.80.

ACME SCIENTIFIC ROSE SPRAY. For roses, flowers and shrubs of all kinds. Consists of three elements for controlling sucking and chewing insects, black spot and other fungus diseases. No. 3 kit will make 12 qts. Ceiling prices, each, 95c; doz., $6.84. No. 6 kit will make 24 qts. Ceiling prices, each, $1.50; six, $5.40. No. 24 kit will make 96 qts. Ceiling prices, each, $4.00; three for $7.20.

ACME KOPPER QUEEN. A strong liquid copper spray for control of mildew, leaf rot and black spot on roses, flowers and plants. Ceiling prices, 8 oz., 35c; doz., $2.40; qt., 75c; gal., $2.00.

APHINE. Ceiling prices, pt., 75c; 1 qt., $1.00; 1 gal., $3.00.

ARASAN. Ceiling prices, 5 lbs., $6.45; 25 lbs., $30.00; 100 lbs., $115.00.

ARSENATE OF LEAD. The standard spray or dust for quick, dependable control of practically all leaf-eating (not sucking) insects. Ceiling prices, 1-lb. carton, 30c; doz., $2.80; case of 24, $5.40; 4-lb. bag, 75c; 48 lbs., $7.20; 100 lbs., $14.00.

BLACK ARROW DUST. A non-poisonous pyrethrum dust, effective against many insects. Ceiling prices, 2 lbs., 50c; doz., $4.20.

BORDEAUX MIXTURE. (Dry.) The best fungicide for curing and preventing black rot, mildew, blight, leaf curl, scab or other fungoid diseases on fruits and plants. One pound will make 5 gallons liquid. Ceiling prices, lb., 30c; doz., $2.80; 4 lbs., 75c; case of 24 lbs., $3.75.

CALCIUM ARSENATE. (Dry.) Ceiling prices, lb., 30c; 4 lbs., 70c.

CARBON DISULPHIDE. For ants and cut worms. Ceiling prices, 1 lb., 50c; doz., $4.20.

COPPER SULPHATE. Crystals. Ceiling prices, 10 lbs., $1.50; 25 lbs., $3.50; 100 lbs., $12.00.

CORROSIVE SUBLIMATE. Calomel, Calogreen, Calochlor, and other mercurials. Due to fluctuating market, write for prices.

CYANOGAS "A" GRADE. For moles, rats, gophers, and other ground rodents. Ceiling prices, 1 lb., doz., $6.00; 5 lbs., each, $3.00; 25 lbs., $10.00; 100 lbs., $25.00; 4-oz. tins for ants, doz., $2.40.

CYANOGAS CALCIUM CYANIDE "G." Greenhouse fumigant. Aphids, white fly, thrips, soft scale, and mealy bug and control for crop-destroying rodents. Ceiling prices, 5 lbs., $3.00; 25 lbs., $10.00; 100 lbs., $25.00. Write for leaflet; freight prepaid on 100-lb. lots.

DENDROL. Dormant tree and shrubbery spray. Ceiling prices, per gal., $1.25; 5 gals., $3.45; 15 gals., $8.80; 55 gals., $33.00.

D. N. SULPHUR DUST No. 10. A new and very effective control for red spider, thrips, and rust diseases on carnations. Ceiling prices, 10-lb. bag, $3.50; case of 5 bags, 50 lbs., for $12.50.

D. N. DUST No. 12. For control of red spider, mite and thrips on roses, calla lilies, snapdragons, gardenias and carnations. The active element in D.N. Dust No. 12 is a dinitro compound effective in all stages of mite development. Should be used before blooming period. Ceiling prices, per 10-lb. bag, $4.50, case of 5 10-lb. bags, $20.00.

DOWSPRAY 17. A Dinitro Compound for use as a wet spray to control red mite and thrips. Helps produce better foliage. Protection for roses, carnations, calla lilies, azaleas, snapdragons, gardenias, hydrangeas, etc. Put up in ¾-lb. cans, 9 to a case. Ceiling prices, each, $2.50; per case, $20.25.

DRY LIME SULPHUR. For dormant spray use 12 to 15 lbs. to each 50 gals. of water. For summer spray, 3 to 4 lbs. to each 50 gals. of water. Ceiling prices, lb., 35c; doz., $3.00; 5 lbs., $1.50; 25 lbs. $4.50; 100 lbs., $11.50.

FISH-OIL SOAP. Standard wash for trees and plants where insects and eggs affect the bark. Ceiling prices, lb., 30c; doz., $2.50; 5 lbs., 95c; 10, $1.85.

FLOWERS OF SULPHUR. Dusting grade. Ceiling prices, lb., 15c; 10 lbs., $1.00; 50 lbs., $2.45; 2 bags for $4.25.

FORMACIDE FORMALDEHYDE DUST. Control "damping off" of flower and vegetable seedlings. Ceiling prices, 1 lb., 85c; 5 lbs., $2.50; 25 lbs., $10.00; 50 lbs., $17.50.

FUME TOBAC. Ceiling prices, 25-lb. drum, $5.00; 50-lb. drum, $8.00; 100-lb. drum, $15.00.

FUNGINE. New remedy for mildew, rust and other fungus diseases for greenhouse and outdoor use. Ceiling prices, pt., 60c; qt., $1.00; gal., $3.00.

GRAPE AND ROSE DUST. Excellent for the prevention and destruction of mildew on plants. Ceiling prices, lb., 35c; 5 lbs., $1.25; 10 lbs., $2.25; 25 lbs., $4.50.

GRASSELI S. S. 3 COMBINED SPREADER AND STICKER. Designed especially for use with agricultural sprays. Ceiling prices, pt., 75c; gal., $4.75.

L 333. ROTENONE PLANT SPRAY. Ceiling prices, gal., $10.75; 5 gals. for $48.75.

LEMON OIL. Destroys mealy bug, scale, red spider. Ceiling prices, ½ pt., 35c; pt., 60c; qt., $1.00; ½ gal., $1.75; gal., $3.00; 5 gals., $12.00.

LORO. A new contact insecticide for controlling aphids, thrips, red spiders, etc. Ceiling prices, pt., $2.00; gal., $10.50; 5 gals., $45.00.

McCORMICK GREENHOUSE SPRAY. A contact insecticide for the control of insects on non-food products. Very effective against leaf hoppers, mealy bugs, thrips, red spider, lace bug, white fly and chrysanthemum midge. Price, per gallon, $11.00.

METHYL BROMIDE. An ideal fumigant for many purposes. For seeds, bulbs and many greenhouse plants. Ceiling prices, per lb. can, $1.15; 10-lb. cylinder, $7.75. Write for price on larger cylinders

NEW IMPROVED CERESAN. Ceiling Prices: 1-lb. can, 80c; 4 lbs., $2.70; 25 lbs., $15.00; 100 lbs., $55.00.

NICO-FUME HOLDER. For 1-lb. size pressure fumigator. "Adaptor" is included for the ½-lb. size. Ceiling price, each, 85c.

NICO-FUME LIQUID. For fumigating or spraying; contains 40% nicotine. Ceiling prices, lb., $2.45; 4 lbs., $6.55; 8 lbs., $11.25; 40 lbs., $45.75.

NICO-FUME PRESSURE FUMIGATOR. Put up in ½-lb. and 1-lb. cans, powder is now burned under pressure, giving better control of insects. The cans have a sparkler for lighting the powder. Ceiling prices, ½-lb. cans, 45c; six for $2.50; doz., $4.45; 1-lb. cans, 75c; six for $3.95; doz., $7.40. Orders for 36 1-lb. cans or 60 ½-lb. cans, prepaid by freight in United States and many parts of Canada. Also on a combined shipment of both sizes in full case lots weighing a total of not less than 50 lbs.

NICO-ROTE. A combination of nicotine and rotenone. Kills by contact and fumes. Ceiling prices, qt., $4.00; gal., $12.00.

NICOTINE. Fumigating powder. Ceiling price, 10-lb. cans, $6.30.

NO-PY-RO. The new synthetic insecticide for controlling aphids, mealy bug, green and white fly, etc. Ceiling prices, per quart, $3.00; gal., $10.00; 5 gals., $45.00.

No. 10 REFINED ROSE SPECIAL. For roses and carnations. Kills high percentage of eggs, no discoloring of blooms. Ceiling prices, per gal., $10.00; 5 gals., $45.00.

PARIS GREEN. Oldest and best brand. For chewing insects on potatoes and certain other hardy plants. Kills quickest. Ceiling prices, ¼-lb. carton, 20c; doz., $1.80; 1 lb., 45c; 5 lbs., $1.95; 14 lbs., $4.75.

PENETROL. An activator for nicotine spraying solutions. Ceiling prices, qt., 75c; gal., $1.75; 5 gals., $6.75.

PINE TAR. For tree surgery. Ceiling prices, qt., 60c; gal., $1.25.

INSECTICIDES AND FUNGICIDES—Continued

YAMTOX

A new insecticide that promises to replace Rotenone in the control of some insects. Yamtox is a concentration of the active principles of the Yam Bean (Pachyrhizus erosus). The Yam Bean affects many insects in much the same manner as Rotenone and seems to be the nearest approach to it. It has been used for centuries in the control of pests on vegetables in some parts of China. In Yamtox the toxic effects of the bean are extracted to make them as available as possible. They are further strengthened by chemicals of proven toxicity. Especially recommended for the control of Plant Lice, Red Spider, Thrip, Cyclamen Mite, Cabbage Worms, and most other insects that are controlled by Rotenone. It is very mild upon Plant Growth and safe to use even on most tender plants. Price per gallon, $12.00; case of 6/1 gallon cans, $11.00 per gallon; 30 gal. drum, $270.00.

POMO GREEN. Without nicotine. The new green fungicide for roses and other flowers and ornamentals; will control black spot, mildew and chewing insects. Ceiling Prices: Lb., 50c; doz., $4.00; 5 lbs., $1.75; 25 lbs., $8.00.

POMO GREEN. With nicotine. Ceiling Prices: Lb., 75c; doz., $6.00; 5 lbs., $3.00.

PYRETHRUM POWDER. Ceiling Prices: Lb., 75c; 5 lbs., $3.50; 10 lbs., $6.25; 25 lbs., $14.75. Write for price on larger quantities.

RESPIRATORS. For mild fumigating and dusting. Ceiling Prices: Each, $2.25.

SALP. An effective insecticide for destroying thrips, leaf rollers and other chewing insects. Use at a ratio of 2 lbs. Salp with 4 lbs. sugar to make 100 gallons of solution. Where a sticker is required, 5 lbs. of flour can be added to the 100 gallons. Ceiling Prices: 10-lb. container, $3.25; 30-lb. container, $6.90; 50-lb. container, $11.00. Prices f.o.b. Elizabethport, N. J.

SULPHUR FOR SPRAYING. Magnetic spray. Wettable. Goes into suspension in water immediately like colloidal sulphur, at a lower cost. Ceiling Prices: 4 lbs., 50c; 6 for $2.75; 100 lbs., $8.00.

SCALECIDE. An oil preparation for San Jose scale. Use 1 gal. to 15 gals. water. Ceiling Prices: Qt., 65c; gal., $1.55; 5 gals., $5.50; 10 gals., $9.50. Write for price in barrel lots.

SELOCIDE. Kills red spiders. Ceiling Prices: Gal., $3.00; 5 gals., $13.50; 10 gals., $24.50; 30 gals., $58.50; 50 gals., $87.50.

SEMESAN. The universal seed disinfectant and plant stimulant. Important for control of damping off of seedlings, Gladioli, and disinfection of seed bed soil. Ceiling Prices: ⅓ oz. pkg., doz., 80c; 2 oz., 40c; doz., $3.20; 12 oz., $2.00; 4 lbs., $9.10; 25 lbs., $52.50; 100 lbs., $198.00. Write for leaflets, stating for what purpose desired. Write for leaflets on Semesan, Semesan Jr. and Semesan Bel.

SNAROL With Metaldehyde. An insecticide bait to combat snails, cut worms, sow bugs and grasshoppers. Ceiling Price: 10 lbs., $1.35.

SPECIAL SEMESAN. Control for brown patch, dollar spot, etc. in bent lawns. Ceiling Prices: 6 lbs., $9.35; 25 lbs., $36.00; 100 lbs., $135.00.

SULPHATE OF IRON. A remedy for weeds on lawns, kills dandelions without injuring grass. Apply liquid with a fine spray. Particulars on application. Ceiling Prices: 5 lbs., 40c; doz., $3.00; 10 lbs., 75c; 25 lbs., $1.20; 100 lbs., $3.20.

TARTAR EMETIC. A spray for the control of Thrip, a life saver for gladiolus growers. Ceiling Prices: 1 lb., 90c; 5 lbs., $4.25; 25 lbs., $18.75; 100 lbs., $70.00.

THRIP JUICE No. 2. Destructive for mealy bug, scale, thrip, codlin moth, canker worm, beetles, caterpillars, etc. Ceiling Prices: Pt., 90c; qt., $1.50; gal., $5.50.

TOBACCO DUST (Regular Grade). Ceiling Prices: 10 lbs., 65c; 25 lbs., $1.20; 100 lbs., $3.50.

TOBACCO STEMS. Ceiling Prices: 100 lbs., $2.50; 500 lbs., $10.50.

TRIO-GEN. Fungicide, insecticide and plant stimulant. Ceiling Prices: A, small kit, makes 16 qts., $1.50. B, medium kit, makes 64 qts., $4.00. C, large kit, makes 32 gallons, $6.00. D, estate kit, makes 128 gallons, $20.00.

TRITON B-1956. An efficient emulsifier and spreader for insecticides and fungicides. Goes much further than ordinary spreader. Ceiling Price: Per gal., $6.50.

VERMINE. For eel, cut worms and wire worms working in the soil. Can be applied to all vegetation. Ceiling Prices: ½ pt., 40c; pt., 75c; qt., $1.10; gal., $3.00.

VOLCK. The Scientific Insecticide for nursery, greenhouse and garden. Controls scale, insects, mealy bug, white flies, red spiders, rust mites, aphids and thrips. Ceiling Prices: Pint, 50c; ½ gal., $1.25; 5 gals., $6.25; 28-gal. drum, $25.00; 54-gal. drum, $42.50.

WILSON'S O. K. PLANT SPRAY. A powerful yet harmless and efficient insecticide for aphids, red spider, mildew, scale, etc. Ceiling Prices: Qt., $1.00; gal., $3.00; 5 gals., $12.00.

Items You Can Sell

Following popular insecticides are priced in quantity for your use and also in small package assortments for re-sale.

Items below ordered in less than quantity quoted will be billed at a higher rate.

ROTOTEC

A Rotenone Garden Spray. Contains full amount of Rotenone necessary for good insect control. 4 oz. bottle retails at $1.00, price per dozen $7.20, pint bottle retails at $2.75, price per dozen $18.00.

ROTECIDE. Standard rotenone spray. Ceiling Prices: Oz. bottles, doz., $2.50; per pint, $1.75; qt., $3.00; gal., $8.00; 5 gals., $35.00; 15 gals., $95.00.

ACME JR. ANT KILL SET. Contains, 2-oz. bottle syrup and two safety service cups. Ceiling Prices: 35c per set; doz., $2.80.

ACME KOPPER KING. A scientific copper compound four times as strong as bordeaux mixture; will not cause bordeaux mixture injury on tomatoes. Ceiling Prices: lb., 45c; doz., $3.66; case of 24 pkgs., $7.08; 4-lb. bag, each, $1.05; per case of 12 bags, $8.88.

ACME VEGETABLE GARDEN AND FLOWER SPRAY. A combination spray for controlling sucking and chewing insects. Can be used as a dust or spray. Ceiling Prices: 1 lb. handy shaker top carton, price, 40c; doz. cartons, $3.24; per case of 24 cartons, $6.24; 4-lb. pkgs., per case of 12, $9.00.

ACME RED RIVER POTATO MIX. A special formula for potatoes. Ceiling Prices: 1-lb. bags, doz., $2.70; carton of 24 bags, $5.16; 4-lb. bags, 75c; six for $4.20; carton of 12 bags, $7.66.

ANT KILLER. Ceiling Prices: Master ½-oz. bottles, doz., 75c; 2-oz., doz., $2.00; 4-oz., doz., $4.00.

ANTROL READY FILLED SETS. Consisting of four patented glass feeders. Ceiling Prices: Per doz. sets, $3.20. Retails at 40c set. Packed in a strong display carton.

ANTROL ANT TRAPS. Kill both sweet and grease-eating ants. Ceiling Prices: Packed 12 in a display carton, retail at 10c each; carton of 12 traps, 80c.

ANTROL SYRUP REFILLS. Ceiling Prices: 4-oz. bottles, doz., $1.60.

APHIS SPRAY. A combination of Black Leaf 40 and Fish Oil Soap. Ceiling Prices: Per doz. 3-oz. tubes, $2.70. Retails at 35c per tube.

BLACK LEAF 40. Ceiling Prices: Oz. bottles, doz., $2.78; carton of 24, $5.56; 5-oz. bottles, doz., $8.55; 1 lb., $2.25 ea.; 2 lbs., $3.25 ea.; 5 lbs., $6.00 ea.; 10 lbs., $11.00 ea.

DAWG-GONE. Protects evergreens from dogs. Ceiling Price: Per doz. tubes, $2.00.

DOGZOFF. Keep dogs and other animals away from trees, shrubs, evergreens, etc. Ceiling Prices: Bottle, 60c; doz., $4.80; gross, $46.08.

GO-WEST INSECT BAIT. A bait to combat Snails, Slugs, Cut Worms, Sow Bugs, Grasshoppers and Earwigs. Price for Garden Size package which treats about 400 square feet, 60c; carton of 10 packages, $3.60. The large package which treats about 4000 square feet, $4.50; carton of 5 packages, $13.50; half acre package, $9.00.

C&O CROW REPELLENT. ½ pt. retails for 35c, packed 24 to a carton, price per carton $5.60, pint retails at 55c, price per dozen, $4.40.

NICOTINE PYROX. 20-oz. jars. Ceiling Prices: Doz., $4.60; carton of 24, $8.97; 5 lbs., $1.50; case of 12, $15.60; 25-lb. drum, $6.50; 50-lb. drum, $10.65.

PYROX. Combination insecticide and fungicide. Ceiling Prices: 25 lbs., $5.75; 50 lbs., $8.35.

RATKISSES. Put up on easel card holding 12—25c pkgs., containing 12 ratkisses each. Ceiling Prices: Per card, $2.00; six or more cards at $1.80 per card.

RED ARROW GARDEN SPRAY ROTENONE. Ceiling Prices: 1-oz. bottles, carton of 24, $5.40; 4-oz. bottles, doz., $8.00; pint, $2.50; qt., $3.60; gal., $11.50.

ROTOTEC SPECIAL DEAL. 24 1-oz. bottles and 2 4-oz. bottles, retails for $10.40. Dealer's price, per deal, $5.04.

SLUG SHOT, Hammond's. An insecticide for destroying chewing insects. Ceiling Prices: Doz. 1-lb. pkgs. for $2.40; 5-lb. pkgs., 12 for $9.60; 25-lb. bag, $5.50; 50-lb. bag, $11.00.

TREE TANGLEFOOT. Ceiling Prices: 6-oz., case of 24 cans, $7.20; 1-lb. cans, per doz., $7.60; per case of 24, $14.40; 5-lb. can, $2.95; case of 6, $16.87; 10 lbs., $5.50 each; case of 4 cans, $21.00; 25 lbs., $12.00 each.

WETTABLE DUSTING SULPHUR. Put up in attractive 2-lb. cans, which retail at 35c each. Ceiling Price: Per doz., $2.50.

Sprayers and Dusters

DOBBIN'S BIGHEAD SPRAYER

5⅛ diameter opening. Easy to fill, drain and clean. Positive quick sealing device. Equipped with patented self-lubricating pressure seal valve plunger. More air per stroke. Brass shut-off with trigger quick spray lock. Universal nozzle, sprays at any angle. Will handle all spray solutions. 4 gallon capacity.

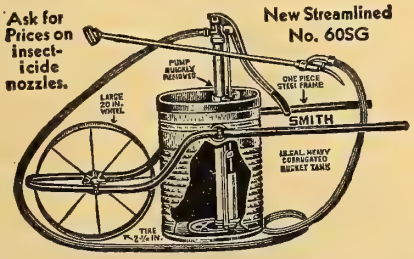
No. 44G Galvanized tank. Ea., $7.20.

SMITH'S SPECIAL No. 24 G. O. COMPRESSED AIR SPRAYER

A durable low priced sprayer, has a funnel top, made of heavy steel, tank as illustrated. 3½ gallon capacity. Price, Galvanized, $6.25.

Ask for Prices on insecticide nozzles.

New Streamlined No. 60SG



WHEELBARROW SPRAYER

Goes anywhere like a wheelbarrow through narrow openings. For spray solutions, disinfectants or whitewash. With extra long handle and large air chamber, develops from 150 to 200 lbs. pressure with minimum of effort. Made of best materials, all working parts of brass or bronze. Cart is strong, all steel and cross braced. Tank holds 18 gallons. Fully equipped with hose, nozzle fittings, steel extension, etc. Price, $25.50. Shipping weight, 65 lbs.

Same as above. With air pressure tank, tested under pressure of 275 lbs., fitted with pressure gauge reading to 200 lbs. Price, $39.50.

Greenhouse Wheelbarrow Sprayer. Similar to above, but with smaller pump. Width adapts it for greenhouse and nursery use. Handles all insecticides and fungicides. Price, complete, $16.00.

Paragon Wheelbarrow Sprayer. Greenhouse and Nurserymen Sprayer. 12-gal. capacity on one or two wheelbarrow type truck. Complete with hose, rod and nozzles. Price, $25.95.

HAYES JR. SPRAY GUN

All Purpose Sprayer. Makes 3 gals. of mixed spray material at a time. Sprays liquid and most wettable powders, up, down and sideways. Attach to your garden hose. Gives you the efficient performance of heavy, expensive equipment. Operates on water pressure from 30 to 75 lbs. No moving parts to wear out or break. Each, $5.95; six for $24.00.

Pneumatic Galvanized continuous one quart size with two nozzles for straight and underleaf spraying. Each, $1.50; dozen, $12.00.

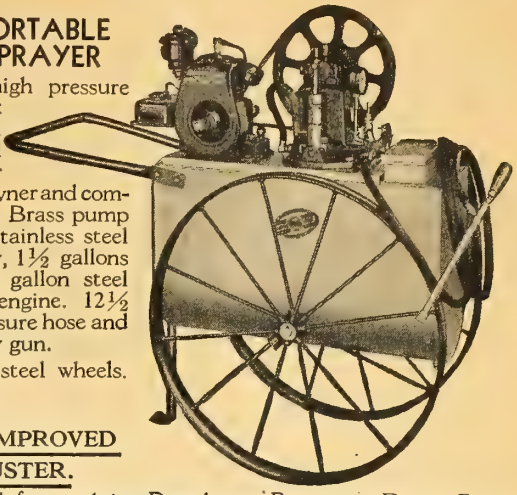
PNEUMATIC HAND SPRAYER

Pneumatic Tin Hand Sprayer. Same as above, each, $1.25; dozen, $10.00.

Tin Hand Sprayers. Full qt. size, retails at 60c; per doz., $4.80.

ARNOLD VICTORY SPRAYER, price, each, 85c; doz., $8.00; postpaid $1.10. This sprayer will handle standard cartridges same as the Garden Hose Sprayer. Price of cartridges, 30c each; doz., $2.80.

UTILITY PORTABLE POWER SPRAYER



A portable high pressure light weight spray outfit. Handles all spray jobs for the individual owner and commercial grower. Brass pump with hardened stainless steel valve. Capacity, 1½ gallons per minute, 25 gallon steel tank, 1½ H. P. engine. 12½ feet of high pressure hose and adjustable spray gun.

No. 3240 with steel wheels. Each $127.50.

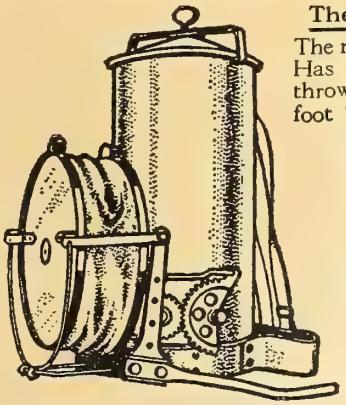
DOBBIN'S IMPROVED HAND DUSTER.

Recommended for applying Pyrethrum, Rotenone, Derris Root. A uniform discharge down to the last particle of dust. For all garden and field crops. Self-lubricating pressure seal valve plunger. Capacity, 1 lb., equipped with two-way dust cap. No. 132 Duster, Each.....$1.35

NEW STREAMLINED HARCO SPRAYER

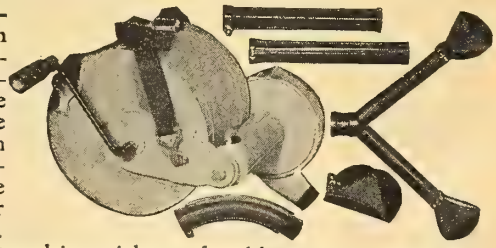
Get Penetrating Spray quickly, easily with this brand new, efficient, easy-to-use Harco sprayer. Harco, plus good liquid insecticide means quick, certain death to garden-blighting insects and destructive fungus pests. Harco's conveniently long extension rod sends a penetrating spray right where it is most needed for effective garden pest control. Each, $2.35. Six for $9.60.

The American Beauty Duster.



The most powerful hand duster made. Has a large, powerful bellows that throws dust to the top of twenty-five foot trees. A man will average eight acres per day on trees. Dusts truck crops at an average walking speed, and dusts the under side of leaves. Has a spiral agitator that crushes and grinds the dust and feeds directly into the moving air blast; does not choke or clog. Has an efficient regulator for discharge control. It is considered the standard of efficiency by all authorities. Price, $22.50. Write for leaflet on the American Beauty Dust Sprayer.

CHALLENGE DUST GUN No. 63.



For Dusting Rotenone, Pyrethrum Dust, etc. Adjustable to all conditions. Made so the discharge nozzle may be swung from front to rear of operator and it can be raised or lowered for high or low plants. Operator can always work in upright comfortable position. Ea., $19.80.

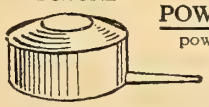
FEENEY MODEL B DUSTER.

Each, 85c; six for $4.80

CYCLONE

POWDER GUNS.

The best dry powder gun for blowing powder on plants and insects. Cyclone, each, 25c; doz., $2.10; Jumbo, each, 50c; doz., $4.20.



JUMBO

Write for leaflet and prices on Hardie Greenhouse Special Power Sprayer.

Vaughan's High Grade Fertilizer

The ceiling prices given below on this page are those in effect at the time this catalogue goes to press. Should increases in these ceiling prices be authorized by the Office of Price Administration, we reserve the right to increase our ceiling prices in accordance with such authorization. Should changes in formulas be ordered by the government authorities, then where necessary the formulas offered below will be changed in accordance with such regulations.

The Yield and Quality of Vegetables and Flowers Depend Upon Continuous and Rapid Growth

All Prices Are F. O. B. Chicago Unless Otherwise Noted.

Adco Make it yourself; to each ton of straw, hay, cornstalks or dried leaves add 150 lbs. Adco to make four tons of fresh or three tons of rotted manure. Ceiling prices, 7½-lb. bag, each, **85c**; doz., **$8.40**; 25 lbs., **$2.25**; 150 lbs., **$10.50**.

Aluminum Sulphate For creating acid condition in the soil. 25 lbs., **$1.25**; 50 lbs., **$1.95**; 100 lbs., **$2.75**; 200 lbs., **$4.95**.

Bacto Bacterial Composition Makes fertilizer out of garbage, sewage, leaves, garden rubbish, sawdust, etc. Cheaply and quickly deodorizes outdoor toilets. Price, 5 lbs., **$1.45**; 20 pkgs. for **$19.80**; 25 lb. bag, **$4.25**; 4 bags for **$13.20**; trial size carton of 10 4-oz. pkgs., **$2.40**.

Bone and Blood For garden crops use 500 lbs. per acre. Ceiling prices, 50 lbs., **$2.25**; 100 lbs., **$3.85**; 500 lbs., **$17.95**; 1000 lbs., **$35.00**.

Calcium Sulphate Agricultural gypsum. Ceiling prices, 25 lbs., **75c**; 100 lbs., **$1.75**; 500 lbs., **$7.25**.

Charcoal Put up in 50-lb. bags. We can supply all sizes from powder to lump. Ceiling price, per bag, **$2.25**. Write for price on larger quantities.

IMPROVED DRICONURE A good fertilizer with a peat moss base impregnated with a high grade manure. Ceiling prices, 50-lb. bag, **$2.00**; 5 bags for **$9.75**; 10 bags for **$18.50**.

Electra **Analysis 4-9-3.** A high organic plant food for feeding, forcing and finishing. It should be used in potting soil as a top-dressing. Helps bring plants to highest perfection. Ceiling prices, 25 lbs., **$2.75**; 50 lbs., **$4.95**; 100 lbs., **$7.75**.

Es-Min-El This contains all essential mineral elements which are necessary for good crops such as manganese, calcium, magnesium, sulphur, iron, copper, zinc, barium, strontium, nickel, cobalt, vanadium, titanlum, tin, lead, chromium and boron. Many fertilizers or plant food mixtures do not contain these minerals but they can now be added to the soil. 5-lb. package is enough for 5000 square feet of space. 5-lb. package retails for **$1.25**, price, per dozen, **$9.00**.

Horn Shavings Synthetic quick-acting and lasting. Ceiling prices, 5 lbs., **90c**; 10 lbs., **$1.50**; 25 lbs., **$2.75**; 50 lbs., **$4.00**; 100 lbs., **$7.75**; 500 lbs., **$37.50**. Write for prices on larger quantities.

Horn Shavings The regular old type shavings. 25 lbs., **$2.50**; 50 lbs., **$4.50**; 100 lbs., **$8.50**.

Hyponex. Contains all of the known major and minor elements of plant food with vitamin B1 added. Analysis 7% Nit., 6% Phos., 19% Pot. Ceiling prices, 1 oz. packet makes 6 gals. Retails at **10c**, price per carton of 72 pkts., **$4.80**; 3 oz. retails for **25c**. Doz. **$2.00**; 1 lb. retails for **$1.00**. Doz., **$8.00**; 10 lbs., **$5.34**; 25 lbs., **$10.00**; 50 lbs., **$16.67**; 100 lbs., **$26.67**.

Kem Liquid Plant Food A complete balanced ration for plants, lawns and ornamentals; a nutrient solution containing all essential elements including Calcium, Boron, Sulphur, etc. Ceiling prices, per gal., **$1.00**; carton of 4—1 gals., **$3.00**. House plant size, per doz., **$2.00**, retails for **25c** per bottle. Qt. size, per doz., **$4.20**; retails at **60c** each.

Liqua Vita A plant food with plant Hormones and Vitamin B1. A complete liquid plant food. Ceiling prices, 4 oz. bottles retail for **25c**; per carton of 36, **$6.00**; 12 oz. retails for **50c**; per carton of 24, **$8.00**; gal. jug, **$2.75**; 5 gal. bbl., **$12.00**; 10 gal. bbl., **$22.50**.

Loma Analysis 5-10-5. A scientifically prepared plant food for flowers, vegetables and potted plants. Ceiling prices, 1-lb. carton, 24 in case, per case, **$1.44**; 5-lb. carton, 12 in case, per case, **$3.60**; 10-lb. bags, 10 in a sack, per sack, **$5.70**; 25-lb. bags, 4 in a sack, per sack, **$4.20**; 50-lb. bags, 2 in a sack, per sack, **$3.54**; 100-lb. bag, **$2.90**; 500 lbs., **$14.50**; 1000 lbs., **$29.00**; 2000 lbs., **$58.00**. 300 lbs. or more delivered free to your railroad station within 500 miles of Chicago.

Milorganite. Provides long lasting plant food. Ceiling prices, 100 lbs., **$2.15**.

Carload Rate of Freight allowed on Shipments of 500 lbs. and over, up to 500 miles from Chicago, on the following:
Bone Meals, Dried Blood, Bone and Blood, Hardwood Ashes, Lawn and Garden Sulphate of Ammonia, Nitrate of Soda, Muriate of Potash and Superphosphate.
Loma and Vigoro. Prepaid in quantities of 300 lbs. and over.

IMPORTANT. The prices on this page are based on present prices of fertilizers and are subject to change as market fluctuates.

VAUGHAN'S STEAMED BONE MEAL

This is a special brand we have put up for our trade. It is ground fine, hence acts quickly. Free from acid, and a superb article. It is made from bone accumulated in large slaughter houses, and should not be compared with the bone meal made from cattle heads and feet gathered upon the western prairies. Our bone has been slightly steamed to soften it and is thus quicker in its action. Analysis: Nitrogen, 2 percent; total phosphoric acid, 22 percent. Ceiling prices, 5 lbs., **40c**; doz. 5-lb. pkgs., **$4.00**; 10 lbs., **65c**; 25 lbs., **$1.30**; 50 lbs., **$2.10**; 100 lbs., **$3.45**; 500 lbs., **$16.50**.

Quantity Required.—For permanent pasture and mowing lands, ½ to 1 ton per acre; for trees and vines, 2 to 4 quarts each; for top-dressing, 1000 to 1500 lbs. per acre; rose beds and plants, one part to about 50 of soil; for starting a new lawn, as a base, 3 to 5 lbs. per 100 square feet.

Special Balanced Rose Food (ALL ORGANIC). 5-7-4. An organic, no filler, 100% plant food of dried blood, fish scrap, bone meal, potash, cottonseed meal and phosphate. This is a special mixture for growing roses and is a balanced, all-purpose fertilizer which can also be used on all flowers, shrubbery, etc. This type mixture has been used by commercial growers and florists for many years and has given excellent results. 5-lb. bag retails for **75c**, price, per carton of 12 packages, **$5.70**; 10-lb. bag retails for **$1.35**, price, per carton of six, **$5.40**; 25-lb. bag, **$1.85** each, six for **$10.80**; 100-lb. bag, **$6.25** each, five for **$30.00**.

VAUGHAN'S SHEEP MANURE

This is a pure, natural Manure, and its effect is immediate; it is excellent for mixing with the soil for greenhouse plants—one part manure and six parts soil. It makes the richest, safest and quickest Liquid Manure. For use in liquid form, one pound to five gallons of water will make a liquid which can be used with safety daily if necessary. 25 lbs., **85c**; 50 lbs., **$1.30**; 100 lbs., **$2.25**; 500 lbs., **$10.50**; 1000 lbs., **$19.50**; 2000 lbs., **$37.50**.

Muriate of Potash Should be used liberally, especially for all root crops. Ceiling prices, 25 lbs., **$1.35**; 50 lbs., **$2.00**; 100 lbs., **$3.40**. **Write for prices on larger quantities.**

Palco Pete's Mulch A finely shredded Redwood Bark. As a protective top surface covering, Palco Pete's Mulch blankets lawns and soils from scorching rays of the sun thereby holding precious moisture in the ground. As a winter mulch it protects roots and bulbs from damaging frosts. It will last all winter. Then in the spring condition your soil by raking it in. Retails at **$2.35** per bag of 3⅓ cubic feet. Full directions printed on the bag. Price, in 5-bag lots, **$1.55** each, 10-bag lots at **$1.45** each, 25-bag lots at **$1.40** each. Write for prices in larger quantities.

Orchid Peat (Fern Roots). A wonderful fertilizer. Very useful for Orchids and Azaleas. **$3.60** per sack of about 2 bushels.

IMPORTED HORTICULTURAL GRANULATED CANADIAN
VAUGHAN'S
PEAT MOSS

Peat Moss Granulated A moisture retaining humus, an important aid in saving soil fertility. Better than manure. Large bale, **$3.75**; 5-bale lots, **$3.50** per bale; 10-bale lots, **$3.40** per bale. Garden size bales of about six bushels, each, **$1.95**; 10 for **$17.50**.

Pulverized Limestone For soil acidity, it improves the texture of the soil, lets in air and moisture, liberates 1000 nitrogen and other plant food. Ceiling prices, 100 lbs., **$1.00**; 500 lbs., **$4.00**; 1000 lbs., **$7.00**; 2000 lbs., **$12.00**.

Ruhm's Lime Phosphate Ceiling prices, 100 lbs., **$2.00**; 500 lbs., **$8.00**; 1000 lbs., **$14.00**; 2000 lbs., **$26.00**.

Shredded Cattle Manure An efficient, high grade natural fertilizer for all general purposes, manufactured by special process from selected fresh cleanings from cattle pens. There is no offensive odor. If applied to the lawn in the fall it protects the grass roots all through the winter. 100 lbs., **$2.35**; 500 lbs., **$10.50**; 1000 lbs., **$19.50**; 2000 lbs., **$38.00**.

Special Ornamental Fertilizer Analysis 6-12-4, containing 6% Nitrogen, 12% Phosphate, 4% Potash, especially prepared for lawns, trees, shrubs, etc. Ceiling prices, 100 lb. bag, **$3.00**; 5 bags or over, per bag, **$2.75**.

Stimuplant Tablets **Contains Vitamin B 1.** A very effective plant food for house plants. Ceiling prices, put up 48 pkgs. to a display case, retails for **$4.80**. Price, **$2.88**. 25c size put up in counter display case, of 10 pkts., price, **$1.50**; 75c size, doz., **$5.40**.

Ammonium Nitrate **34% Nitrogen.** Used for its nitrogen. A very desirable fertilizer for all plants in which a large leaf development or rapid growth is desired. Use one pound to 50 square feet of ground or bench, or a tablespoonful to a bushel of soil or 3 gallons of water. Ceiling prices, 25 lbs., **$1.50**; 50 lbs., **$2.50**; 100 lbs., **$3.75**.

Vaughan's High Grade Fertilizer

"Plant Life" (New) A well known liquid fertilizer for house plants. Ceiling prices, retails 25c per bottle; packed 24 in a display carton, **$4.00**; qt., **85c**; gal., **$3.00.**

Fulton's Plantabbs Odorless plant food in tablet form; supply a complete balanced plant food including Vitamin B-1. Ceiling prices, put up in boxes, 10c size, doz., **75c**; 25c size, doz., **$2.00**; 50c size, doz., **$4.00**; $1.00 size, doz., **$8.00**; $3.50 size, each, **$2.35.** Special discount of 5% on orders totaling **$6.00.**

Vigoro A specially prepared plant food. It contains all elements plants need for healthy growth. Because it is a complete plant diet, it is really more economical than incomplete waste or by-product materials. Good plant food for commercial growers. When ordering specify for growing purposes. Price, 100 lbs., **$2.75**; 300 lbs., or more, delivered free to your railroad station within 500 miles of Chicago.

Vigoro Victory Garden Fertilizer A well balanced plant food for food production only. Ceiling price 100 lb. bags, **$2.70** each; 50 lb. bag, **$1.70** each; 25 lb. bag, **$1.05** each; 10 lb. cartons; per carton of 6, **$3.36**; 5 lb. cartons, per carton of 12, **$4.20**; 300 lbs. or over delivered free to your railroad station within 500 miles of Chicago.

Super Phosphate Twenty percent available. Bone phosphate the most available form. Used on grain crops and others requiring an excessive amount of phosphoric acid. Ceiling prices, 25 lbs., **85c**; 50 lbs., **$1.35**; 100 lbs., **$1.85**; 500 lbs., **$7.95**; 1000 lbs., **$14.75**; 2000 lbs., **$28.50.**

Vigoro Tablets. 60 pkgs. to a case. Ceiling prices, **$3.30**; ½ case, **$1.65**; retail at **10c** pkg.

Carload Rate of Freight allowed on shipments of 500 lbs. and over within 500 miles of Chicago.

Armour's Victory Garden Fertilizer A well balanced mixture for food production only. Ceiling prices, per 100 lb. bag, **$2.50**; 5 bags or over, **$2.40** per bag; 50 lb. bags, **$1.50** each; 10 bags or over, **$1.45** per bag; 25 lb. bags at **90c** each, 10 bags or over, **85c** per bag. Carload rate of freight allowed on shipments of 300 lbs. or over within 500 miles of Chicago.

Armour's Special Growers' Mixture. All inorganic and quickly available —4% nitrogen, 12% available phosphoric acid, 8% potash. Highly recommended to the commercial grower for all types of plants either under glass or outside. Promotes thrifty growth and profuse blossoming. Before planting apply 6 pounds per 100 square feet and work thoroughly into soil. For soil piles mix 4-inch potful with each wheelbarrow of soil. Size bags, 100 lbs. Ceiling prices, 100 lbs., **$2.75**; 500 lbs., **$12.50**; 1000 lbs., **$23.50**; 2000 lbs., **$46.00.**

IMPORTANT. The prices on this page are based on present prices of fertilizer and are subject to change as market fluctuates.

Plant Stim This is a complete Hormone, including necessary vitamins for treating of transplants of all kinds. Besides containing root forming Hormones and Vitamin B1 and other members of the Vitamin B1 complex which are important in plant growth, it has fungicidal value. Stimulates quick growth of transplants and prevents wilt. 3 oz. retails for **50c**, per case of 24, **$7.20**; price, 1 lb., **$2.00**; 5 lbs., **$7.50.**

STIM ROOT

An improved rooting compound containing several different hormone-like chemicals in sufficient quantities to produce root stimulation in the hard type of cuttings, and still is safe to use on the softer, more easily injured plants. Also contains a fungicide that checks fungi that rot cuttings. A small amount of dust will coat each cutting evenly, making a pound go further. ¾ oz. retails at **50c**, per case of 24, **$7.20**; 2 oz. retails at **$1.00**, per case of 12, **$7.20**; 1 lb., **$5.00.**

SEED-LESS-SET
HORMONE SPRAY

A new scientific development insures "set" of first tomato flowers which usually fall off during early spring; eliminates seeds; causes weeks earlier ripening; increases yield and size of fruit; polinates self-sterile plants. 8 oz. retails at **$1.00**, per case of 12, **$7.20**; quart, **$3.00**; gallon, **$9.00.**

Hormodin Powder Combination package. No. 1, 2, 3, in one carton. Price **75c**; doz., **$6.00.**

No. 1 Powder 1¾-oz. tin, each. 50c; 1lb., $3.00.
No. 2 Powder 1¾-oz. tin, each, 75c; 1lb., $4.50.
No. 3 Powder 1-oz. tin, each, $1.00; ½ lb., $4.50.

ROOTONE
PATENTS PENDING

A Hormone powder easy to use; anyone can apply safely; no skill is needed to apply; Rootone—no measurements, no vials, no elaborate charts to follow—just dip and plant. Price, ¼-oz. pkt., **25c**; doz., **$2.00**; 2-oz. jar, enough to treat 3,000 cuttings, **$1.00**; doz., **$8.00**; 1-lb. jar will treat up to 30,000 cuttings, **$5.00. Write for leaflet, all postpaid.**

Rootone No. 10. For slow to root evergreen cuttings. 2 oz., each, **$2.00**; 1 lb., each, **$10.00.**

Transplantone For treatment of transplants of all kinds, it contains the root forming hormones, vitamin B-1 and other members of the vitamin B complex, which are important in plant growth. ½-oz. pkt., each, **25c**; doz., **$2.00**; 3 oz., **$1.00**; doz., **$8.00**; 1 lb., **$4.00.**

Fruitone. The hormone spray for stopping pre-harvest drop of apples and other fruits. Also reduces drop of flowers and leaves. 2/5 oz. pkt. dozen, **$2.00**, retails at **25c** per pkt.; 2 oz. (makes 25 gal. spray); **$1.00**; doz., **$8.00**; 12 oz., **$5.00.**

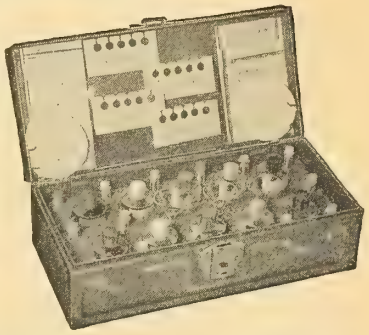
Write for price on larger quantities.

Mackwin Vitamin B1. The bottle has a dropper top 2-oz. bottle, each **$1.00**; display box of 12 bottles, **$7.33.**

Mackwin Vitamin B1. A display card of 24—½ oz. bottles of liquid vitamin B1. Price **$5.30**; retails at **35c** each.

Zoom Vitamin B1. The bottle has a dropper top, 2-oz. bottle, each **$1.00**; display box of 12 bottles, **$7.33.**

The Sudbury Horticultural Soil Test Kit, $9.75



The Sudbury Horticultural Soil Test Kit makes instantly available the essential information you require for gardening success. With it you can make quick practical tests which will show the acidity of your soil and any possible deficiency in nitrogen, phosphorus and potash. As a result, you can avoid failure by prompt adjustment of your soil to the requirements of your plants and grasses. Sudbury Soil Test Kits are used by leading amateur and professional growers throughout the country. The Horticultural Kit contains enough material for 60 individual tests. The Sudbury Horticultural Kit, complete with instructions and table of plant needs, $9.75.

***Testing Fluid for Refill**—Specify whether for nitrogen, phosphorus, potash, or acidity. 2 oz., 75c; 6 oz., $1.50.

The Sudbury Improved Professional Soil Test Kit—Contains enough material for 200 individual tests. Price, complete with instructions, $22.50.

The Sudbury Home Gardener's Soil Test Kit, $1.50

This simple, practical easy-to-use kit is your best insurance of gardening success. Made by the maker of professional field test kits used by nurserymen, growers and greenskeepers throughout the country. The Home Gardener's Kit tests for nitrogen, phosphorus, potash and acidity, giving complete information for the intelligent adjustment of your soil to the requirements of your plants and grasses. No technical skill required. Results of tests are apparent immediately.

***The Sudbury Home Gardener's Soil Kit.** Complete with instructions and table of plant needs, $1.50; six for $8.00.

Testing Fluid for Refill—Specify whether for nitrogen, phosphorus, potash or acidity. 2 oz., 75c; 6 oz., $1.50.

New Club Model Kit. An inexpensive kit cased in attractive imitation leather; makes a wonderful gift, each, $3.85; 3 for $9.48.

*When ordering Testing Fluid for Refill it requires No. 2 and No. 3 to make Nitrogen Tests, No. 4 and No. 5 for Phosphorus Tests, and No. 6 and No. 7 to make Potash Tests, therefore when ordering, please order two numbers as tests cannot be made unless they are used in combination as specified above.

This Vivid Window Streamer Printed in Five Colors Will Bring You Business—Furnished Free to All Dealers.

Larger Profits in Quality Seed

Bags Included on All Grass, Gross for Net

FANCY GRASSES

All grass seed prices subject to change without notice. Orders will be booked at the lowest price on day received. Order early and avoid transportation difficulties.

KENTUCKY BLUE GRASS. Our blue grass is all recleaned to fancy purities with low weed content and is of high germination.

Fancy. Purity 85%. Full bags (112 lbs.), $32.00 per 100 lbs.; less than 112 lbs., 33c per lb.; 10 to 25 lbs., 34c per lb.

Standard. Purity 80%. Full bags (112 lbs.), $31.00 per 100 lbs., less than 112 lbs. 32c per lb.; 10 to 25 lbs., 33c per lb.

Extra Fancy Seed. Purity about 92%. Full bags (112 lbs.), $35.00 per 100 lbs.; less than 112 lbs., 36c per lb.; 10 to 25 lbs., 37c per lb

Refined Suncured Seed. Purity about 98%. Full bags (112 lbs.), $40.00 per 100 lbs.; less than 112 lbs., 41c per lb.; 10 to 25 lbs., 42c per lb.

RED TOP, Refined. Extra Recleaned Purity 97 to 98%. Full bags (100 lbs.), $23.00 per 100 lbs.; broken bags, 24c per lb.; 10 to 25 lbs., 25c per lb.

Extra Fancy. Purity 95%. Full bags (100 lbs.), $22.00 per 100 lbs.; broken bags, 23c per lb.; 10 to 25 lbs., 24c per lb.

Fancy. Purity 92%. Full bags (100 lbs.), $21.00 per 100 lbs.; broken bags, 22c per lb.; 10 to 25 lbs., 23c per lb.

CLOVER, White Dutch.

Extra Fancy. $85.00 per 100 lbs.; less than 100 lbs., 87c per lb.; 10 to 25 lbs., 90c per lb.

Choice Grades. $83.00 per 100 lbs.; less than 100 lbs., 85c per lb.; 10 to 25 lbs., 87c per lb.

Prime. $80.00 per 100 lbs.; less than 100 lbs., 82c per lb.; 10 to 25 lbs., 84c per lb.

Put up in packages of 5 lbs. and less, write for prices.

PERENNIAL RYE GRASS. $21.00 per 100 lbs.; broken bags, 22c per lb.; 10 to 23 lbs., 23c per lb.

RYE GRASS Common, Native Grown. Full bags (100 lbs.), $12.00 per 100 lbs.; broken bags, 13c per lb.; 10 to 25 lbs., 14c per lb.

CHEWING'S FESCUE. Full bags (115 lbs.), $75.00 per 100 lbs.; broken bags, 77c per lb.; 10 to 25 lbs., 79c per lb.

CREEPING RED FESCUE. A variety of fescue seemingly superior to Chewings. 100 lbs., $75.00; less than 100 lbs., 77c per lb.; 10 to 25 lbs., 79c per lb.

ASTORIA BENT, Certified Blue Tag. Full bags, (100 lbs.), $80.00 per 100 lbs.; broken bags, 83c per lb.; 10 to 25 lbs., 85c per lb.

Red Tag. $77.00 per 100 lbs.; broken bags, 79c per lb.; 10 to 25 lbs., 82c per lb.

SEASIDE BENT, Certified Blue Tag. Full bags, $80.00 per 100 lbs.; broken bags, 83c per lb.; 10 to 25 lbs., 85c per lb.

Ask for quotations on grasses not listed.

LAWN MIXTURES

Vaughan's No. 25 Lawn Mixture. 100 lb. bags, $27.00; 1-lb. cartons (ea., 32c), $30.00 per 100 lbs.; 5-lb. bags (ea., $1.65), $29.00 per 100 lbs.; 10 to 25 lbs., 29½c per lb. Retails 50c per lb.

Vaughan's "Private Estate" Bent Formula

A very fancy mixture containing an important percentage of the Bent grasses. Makes a beautiful velvety lawn. More practical than pure bent lawns.

(Retails at 80c per lb.) Price, $50.00 per 100 lbs.; 5-lb. bags (ea., $2.70), per 100 lbs., $52.00; 1-lb. cartons (ea., 57c), per 100 lbs., $53.00. Orders for 10 to 25 lbs., 52½c per lb.

SPECIAL MIXTURES

If interested in cheaper mixtures or formulas other than we list let us know and we will be glad to quote.

Vaughan's Chicago Parks

The stand-by for fine serviceable lawns for two generations, this splendid formula remains the universal favorite. The basis of this mixture is a large amount of fancy Kentucky blue grass, which is combined with other suitable grasses in the proper proportion to produce a fine permanent turf.

Prices for Chicago Parks Formula

	Per 100 lbs.
½-lb. carton, each, 25c (Retails for 40c) / 1-lb. carton, each, 45c (Retails for 70c)	$43.00
2 and 3-lb. cartons	42.50
5-lb. cartons or bags (each, $2.25)	42.00
10 and 15-lb. bags	41.50
50 and 25-lb. bags	41.00
100 lb. lots	40.00
300 lb. lots	39.50
500 lb. lots	39.00
1000 lb. lots	38.00

Lots of 10 to 25 lbs., 42½c lb. On Larger Lots Ask For Prices.

We offer this same mixture, without White Clover, under the name Vaughan's "Fairway" Mixture, at prices the same as "Chicago Parks."

Vaughan's Columbian (Shady Place Formula)

	Per 100 lbs.
½-lb. carton, each, 28c (Retails for 40c) / 1-lb. carton, each, 55c (Retails for 75c)	$51.00
2 and 3-lb. cartons	50.50
5-lb. cartons or bags (each, $2.50)	50.00
10 and 15-lb. bags	49.50
50 and 25-lb. bags	49.00
100 lb. lots	48.00
300 lb. lots	47.50
500 lb. lots	47.00

Lots of 10 to 25 lbs., 50½c lb. On Larger Lots Ask For Prices.

Vaughan's Dense Shade Formula

Composed of grasses most suited for growing in heavily shaded situations. Is also satisfactory in moderate shade. This is an exceptionally fine shade mixture and now includes the splendid new creeping red fescue. Grass grown in the shade requires extra care. Ask for Lawn Grass pamphlet for directions.

(Retails at 85c per lb.) Price, $54.00 per 100 lbs.; 5-lb. cartons (ea., $3.00), per 100 lbs., $56.00; 1-lb. cartons (each 60c), per 100 lbs., $57.00. Orders for 10 to 25 lbs., 56½c per lb.

All grass seed net cash, F. O. B. Chicago and New York and subject to price change without notice.

Freshly Packed and Tested Lawn Seed in 1946 for Your Unsold 1945 Stock

Federal Seed Law Requires Dated Germination Tests

NEW CARTON OF MODERN DESIGN SUPPLIED IN ALL SIZES UP TO 5 LBS.

OUR dealers can purchase cartons and 5-lb. bags of our branded seed with no fear of carrying over outdated seed into the following year. We will allow unsold packages to be returned to us and replace them with freshly packed and tested seed the following spring.

Dealers who have tried this plan report that it enables them to keep up stocks and get maximum sales throughout the season with no fear of inventory losses.

This offer is NOT in any way to be considered on a consignment basis but is solely for the protection of our dealers against having to carry into the following year unsalable, outdated and soiled cartons.

The terms of payment are absolutely the same as heretofore.

This offer does not apply in any way whatsoever to bulk seed or non-branded seed and this is in no way to be considered a guarantee sale. All seed to be exchanged must positively be returned to us prepaid by December 1, 1945, and replacement will be made by March 1, 1946.

NOTE—We cannot accept broken cartons and wet or otherwise damaged seed for exchange.

For Your Protection

All our grass seeds are carefully analyzed in our own fully equipped laboratory and tagged or labelled to conform to the complicated requirements of the state laws. Errors in labelling might be costly and troublesome. Play safe.

"Your Lawn"

This booklet gives the latest scientific advice on all phases of lawn making. One copy is enclosed in each carton and bag of the lawn seed mixtures.

With each of the deals below we furnish the vividly colored window streamer illustrated on the opposite page.

Vaughan's Chicago Parks

Contains NO TIMOTHY

Recommend this mixture for beauty and durability. It produces a fine turf that will endure. The splendid reputation of this mixture for over half a century makes it an easy seller and keeps satisfied customers. For seeding and care of lawn, call customer's attention to lawn booklet enclosed in every carton and bag of Vaughan's lawn seed.

Chicago Parks Deal No. 1

$25 Net Cash F. O. B. Chicago

Retails for $40.10

Cartons		Ret. Price
9	1-lb.	$0.70
5	2-lb.	1.40
8	5-lb.	3.35

Vaughan's No. 25 Lawn Mixture

An Economy Mixture Containing NO TIMOTHY

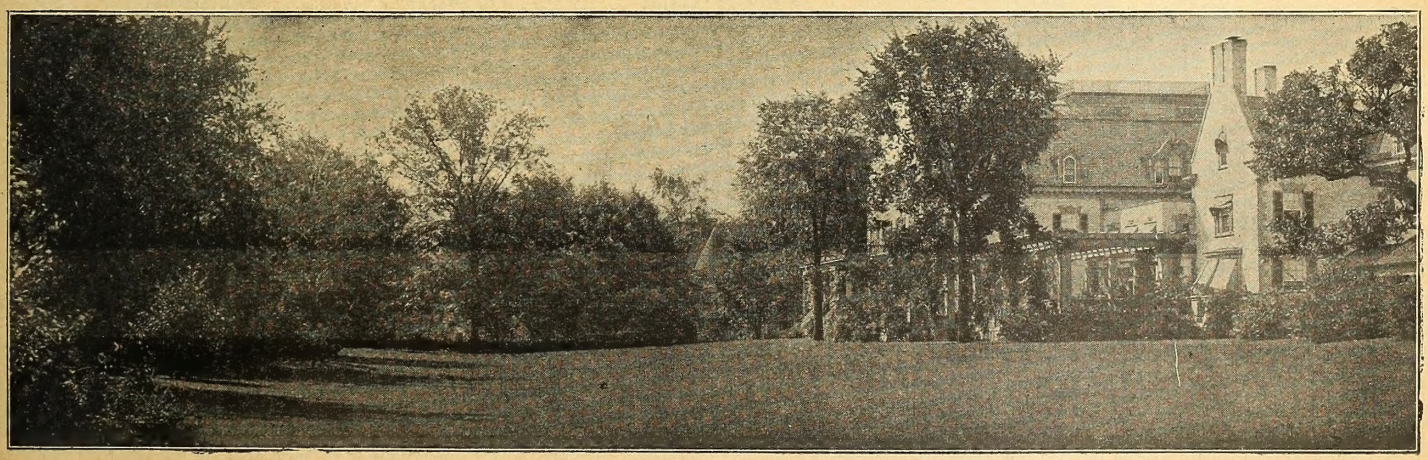
This blend fills the demand for a mixture which is both inexpensive and at the same time free of objectionable timothy so widely used as a lawn seed adulterant. Our No. 25 has, as its chief ingredient, the grass which is used for winter putting greens on southern golf courses. It comes up as quickly as timothy, will last longer and makes a fine appearance if kept cut.

No. 25. Deal No. 2

Retails for $32.85

Cartons		Ret. Price
14	1-lb.	$0.50
Bags		
11	5-lb.	2.35

$20 Net Cash F. O. B. Chicago



J. C. VAUGHAN, PRES.

CABLE ADDRESS
VAUGHAN, CHICAGO
CAROTIDA, NEW YORK

NURSERIES,
WESTERN SPRINGS, ILL.

Vaughan's Seed Store

CARL CROPP, V. PRES.

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47-49 BARCLAY ST.

GENERAL OFFICES AND WAREHOUSES
601-609 WEST JACKSON BLVD., CHICAGO 6, ILL.

CHICAGO LOOP STORE
10-12 W. RANDOLPH ST.

All telegrams should be addressed to our warehouse and general office at 601 W. Jackson Blvd., Chicago, or 47 Barclay Street, New York.

PRICES IN THIS CATALOGUE ARE SUBJECT TO CHANGE WITHOUT NOTICE.

Please give us your Post Office delivery zone if you are in a large city.

TERMS OF PAYMENT. To customers of approved credit, 60 days, except on goods always sold for cash, see other pages. **Special 2 percent** discount for cash in ten days from date of invoice (from these list prices only, not from "Special" mail quotations and excepting **net cash** items and flower seeds).

FIRST ORDERS from all firms not having an account with us should come with cash remittance to cover, from which deduct 2 percent (except on net cash items). If cash is not sent, supply bank and trade references.

POSTAGE for parcel post shipment. The prices in this catalogue except on **Flower Seeds** are not prepaid. Include sufficient to cover postage with cash orders. Postage will be billed on charge orders.

C. O. D. We prefer not to send goods C.O.D., but when wanted in that manner 25 percent of amount of order must accompany it.

PERISHABLE STOCK, Plants, Bulbs, etc., are POSITIVELY not sent C. O. D.

WHERE SOLD. Our stocks are sold F.O.B. Chicago, New York or Western Springs (unless otherwise stated) and we do not accept transportation risks after delivery in good order to express companies, railroads or steamship lines.

ROUTING. On each Order please give **name of railroad** you wish shipped by; there is no other sure way of correct routing. State distinctly: if by **Mail, Express, Truck** or **Freight.**

BOOK ACCOUNTS. Customers who wish to open accounts will please supply usual bank and trade reference and financial statement. If the business is a partnership or a corporation, be sure to give the names of partners or officers and signatures of those authorized to sign orders. Some **individual name** should be signed to all orders. A typewritten or rubber stamp signature is insufficient. We do not open new accounts for **cash goods.**

ORDERS FOR BULBS, ONION SETS and like perishable stock which we book in advance of shipping date are accepted by us only subject to loss by fire, rot or other accident beyond our control; we do not guarantee to supply if so lost.

INSURANCE. We insure all orders for seeds for $2.00; and over at buyer's expense, unless instructed not to do so.

Discounts on Standard Retail Packets for Resale

In no case will a discount be allowed where the retail value of the order sent in at one time is less than $1.00.

For orders for packet seeds to be placed in your stock and resold, discounts on prices in our SPRING RETAIL CATALOGUE will be given as follows:

25% on orders amounting to $1.00 or more (for packets only) when less than 5 of a kind are ordered at one time.
30% on orders (for packets) from $1.00 to $5.00, when at least 5 of a kind are ordered.
40% on orders (for packets) for $5.00 and over, when at least 5 of a kind are ordered.

None of these seeds are returnable. They are sold outright.

10% on special offers and cut-rate collections, none on bulb collections.

Cash Discounts on Flower Seeds. On all orders for flower seeds, except Cyclamen seed, which is net, totaling less than $25.00, 5%, and over $25.00, 8%, may be deducted if cash is enclosed.

IMPOSSIBLE TO GUARANTEE CROPS.

VAUGHAN'S SEED STORE gives no warranty, express or implied, as to the productiveness of any seeds, bulbs or plants it sells; nor does it warrant fertilizers other than in respect to data required of seller by statues. It is expressly agreed that the limit of liability for all claims for loss or damages due to any cause shall be in a sum no greater than the invoice price of the goods and in no case shall it be responsible for loss or damage of the crop.

ADVANCE ORDERS for roses, bulbs or seeds not yet grown or harvested are subject to prorata delivery in case of short crop.

STATE QUARANTINES. Plant regulations which may delay or damage plants are at customer's risk only. If your state imposes serious restrictions on plants shipped in, tell us.

TABLE OF CONTENTS

Explanation of table below: Numbers prefixed with B represent Bulbs; P, Plants; S, Seeds.

Page
Achillea....S.38, P.56
Agathea....S.38
Ageratum....S.7, P.59
Almond....P.66
Aloe....S.7
Althaea—See Hibiscus
Alyssum....S.7, 38
Amaranthus....S.10
Amaryllis....B.53
Ampelopsis....P.66
Anchusa....S.38
Anemone....S.38
Antirrhinum....S.8-10
Apios Tuberosa....B.53
Aprons, Rubber....80
Aquilegia....S.39, P.55-56
Arabis....S.40
Asclepias....S.12, 40
Asparagus....S.12, P.59
Asters..S.4, 10-11, 40, P.56
Aubrietia....S.40
Azaleas....P.59

Bacto....86
Bands, Plant....82
Bedding Plants....59
Begonias..S.12, B.53, P.59
Bell of Ireland....S.12
Bellis....S.40
Berberis....P.65
Biennials and Perennials....S.38-52
Bignonia....P.66
Bird Houses....86
Bouquet Material....79
Boxes....78
Brachycome....S.13
Browallia....S.13
Buddleia....P.65
Bulb Box Offer....Inside Back Cover
Bulbs....53, 54
Buyers' Guide....2-3

Cactus Seed....S.13
Caladiums....B.53, P.59
Calceolaria....S.13, P.59
Calendula....S.4, 13
Calliopsis....S.14
Campanula....S.40-41
Candytuft....S.14, 41
Canna....P.R.58
Canterbury Bells....S.13
Cardinal Climber....S.15
Cards....78
Carnation Rooted Cuttings....S.58
Carnations S.4, 14, 41, P.56
Celosia....S.4, 15
Centaurea....S.15
Cephalophyllum....S.15
Cheiranthus....S.41
Chrysanthemums....S.4, 16, 41, 42, P.56-57
Chrysanthemum Cuttings....60-63
Cineraria....S.16
Cinnamon Vine....B.53
Clarkia....S.17
Clematis....P.66
Cleome....S.17
Cobaea....S.17
Coix....S.17
Coleus....S.17
Consignment Seed....1
Convolvulus....S.17
Coreopsis....S.42, P.57
Corn, Decorative....S.4
Cornus....P.65
Cosmos....S.17
Crab Bechtel's....P.67
Creme Gloves....77
Cuphea....S.17
Cyclamen....S.18, P.59
Cynoglossum....S.17
Cyperus....S.17

Dahlias....S.5, 18, R.64
Daisy....S.4
Datura....S.18
Delphinium....S.5, 42-43, P.55-57
Dianthus....S.5, 19, 43-44, P.57
Dicentra....S.44, P.57
Didiscus....S.18
Digitalis....S.44
Dimorphotheca....S.19
Dirt Bands....82
Draceana....S.19
Dusters....91

Easels, Wood....80
Echinops....S.44
Echium....S.19
Edelweiss....S.44
Elm....P.67
Erosionet....84
Escholtzia....S.19
Euonymus....P.65
Euphorbia....S.19, 57
Evergreens....68-69

Ferns....S.19, P.59
Fertilizer Spreader....85
Fertilizers....92-93
Feverfew—See Matricaria
Flame Gun....87
Floralife....88
Flower Boxes....78
Flower Pots....82
Flower Seed Novelties..4-6
Flower Seeds....4-52
Forget-Me-Not....S.44
Forsythia....P.65
Four O'Clock....S.24
Freesia....S.5, 19
Fungicides....89
Funkia....P.57

Gaillardia....S.5, 20, 45, P.57
Geranium....S.5, 20, 59
Gerbera....S.45
Geum....S.45
Gilia....S.20
Gladiolus....B.54
Glass Wool....81
Glazing Material....85
Glazing Tools....85
Gloxinia....S.21, B.53
Godetia....S.21
Gomphrena—Globe Amaranth....S.20
Gourds....S.20
Grafting Wax....81
Grasses, Lawn....94-95
Greenhouse Plants....59
Gypsophila....S.20, 45, P.55, 57

Helenium....S.46, P.57
Helianthus..S.21, P.55, 57
Helichrysum....S.21
Heliotrope....S.21
Hemerocallis....P.57
Heuchera....S.46
Hibiscus....S.46, P.57, 65
Hollyhock....S.46-47
Honesty—See Lunaria
Hormodin....93
Hose Supplies....84
Hotbed Supplies....85
Hunnemannia....S.21
Hyacinthus Candicans....S.47, B.53
Hydrangea....P.59, 65

Insect Destroyers..88-90
Ipomoea....S.21
Iris....S.47, R.69
Ismene....B.53
Ivy....S.47

Jacaranda....S.21
Jardiers....83

Kalanchoe....S.21
Kale, Flowering....S.21
Kenilworth Ivy....S.47
Knee Pads....88
Knives....80
Kochia....S.21
Kudzu Vine—See Pueraria

Labels....80
Lantana....S.21
Larkspur....S.22
Lathyrus....S.21
Lavatera....S.21
Lavendula....S.47
Lawn Seed....94-95
Lawn Supplies....86
Leaves, Prepared....79
Lemon Verbena....S.21
Leptosyne....S.21
Letters....81
Leucocoryne....S.22
Liatrus....S.5, 47
Ligustrum....P.65
Lilac (Syringa)....P.66
Lilies....S.47, B.53
Linaria....S.22, 47
Linum....S.48
Lobelia....S.22, 48, P.57
Lonicera....P.65, 66
Lunaria....S.48
Lupinus....S.22, 48
Lychnis....S.48
Lythrum....P.57

Malus....P.67
Marigold....S.6, 23-24
Marvel of Peru....S.24
Matricaria....S.48
Mats....85
Mesembryanthemum..S.24
Microsperma....S.24
Mignonette....S.24
Mimulus....S.24
Monarda....P.57
Montbretias....B.53
Moss, Sheet....79
Moss, Sphagnum....79
Mushroom Spawn....75
Myosotis....S.44

Nasturtium....S.24
Nemesia....S.25
Nicotiana....S.25
Nierembergia....S.25, 48
Nigella....S.25
Nolana....S.25

Oenothera....S.49
Orchid Peat....79, 92
Othake....S.25
Oxalis....S.25, B.53
Paint....85
Pansy....S.26
Papaver—Poppy..S.25, 49
Paper....78
Pearl Chips....79
Peat Moss....92
Pelargoniums....P.59
Peonies....R.69
Pennisetum....S.25, P.58
Pentstemon....S.25, 49, P.55
Perennial Plants....55-57
Perennials....S.38-52
Petunia....S.6, 27-29
Philadelphus....P.66
Phlox....S.25
Phlox—Hardy..S.49, P.57
Physalis....S.49
Physostegia....S.49, P.57
Plant Stakes....80-81
Platycodon....S.50, P.57
Poinsettias....P.58
Poppy....S.6, 49
Portulaca....S.29
Pots....82
Primula....S.5, 30, 50
Pruning Tools....84
Prunus....P.66
Pump Sprays....91
Pyrethrum....S.29, 50

Raffia and Reed....80
Rakes....87
Ranunculus....B.53
Repellents....77
Rhus....66
Ribbons....77
Ricinus....S.31
Rootone....93
Rosa Rugosa....P.66
Rudbeckia....S.31, 50

Salpiglossis....S.31
Salvia....S.31, 50
Saponaria....S.31
Sash, Hotbed....85
Saws....84
Scabiosa....S.32, 51
Schizanthus....S.32
Sedum....S.31
Seed Flats....82
Seeder....83
Shasta Daisy....S.42
Shrubs....65-66
Sieve....80
Soil Shredder....87
Soil Testers....93
Solanum....S.35
Spiraea....P.66
Sprayers....91
Statice....S.35, 51
Stocks....S.34
Stokesia....S.51, P.57
Strawberry....S.35
Sunflower....S.21
Sweet Peas....S.32-33
Sweet William....S.43
Syringa....P.66

Tahoka Daisy....S.35
Taxus....69
Thalictrum....S.51
Thermometers....83
Thread....78
Thunbergia....S.35
Tin Foil....79
Tithonia....S.35
Torenia....S.35
Tree Pruners....84
Tree Wrap....81
Trees, Shade....67
Tritoma....S.51, P.57
Trollius....S.51
Tuberoses....B.53
Tubs....83
Twine....78

Valeriana....S.51
Vases....83
Vegetable Seed....70-76
Venidium....S.35
Verbena....S.36, 52
Veronica....S.52, P.57
Viburnum....P.67
Vinca....S.35, P.55, 57
Vines....P.66
Viola....S.52
Violet....P.55, 57
Viscaria....S.35

Wallflower....S.52
Weed Killers....86
Weedone....86
Weigelia....P.66
Wheelbarrows....87
Wistaria....P.66
Wreath and Bouquet Material....79
Wreaths and Designs...77

Xanthisma....S.35
Xeranthemum....S.35

Yucca....S.52

Zea....S.35
Zephyranthus....B.53
Zinnia....S.36-37

SF 45

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